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Welcome to the 2006/2007 Annual Report for the National Center for Atmospheric Research (NCAR)



I am delighted to present the *2006/2007 NCAR Annual Report*, and to share my enthusiasm for the recent accomplishments of our staff and collaborators in the key areas of facilities, science, and service.

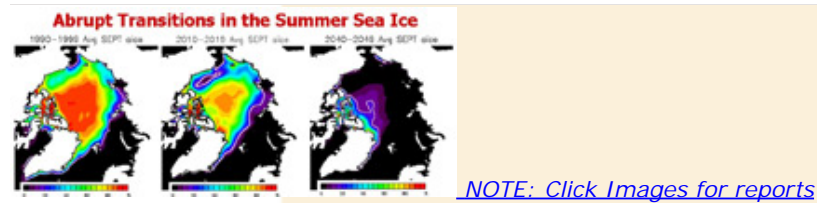
Through generous support from the *National Science Foundation*, NCAR continues to be dedicated to exploring and understanding our atmosphere in the broadest terms, including interactions with the sun, the oceans, the biosphere, and human society. As a federally funded research and development center, it is our mission to pursue these studies in collaboration with federal sponsors, universities, industry and private sector partners, and governments and research institutes around the world.

This year, we published our new strategic plan, [NCAR as an Integrator, Innovator and Community Builder](#). With our collaborators, we've been moving forward aggressively to implement our strategic goals, to:

- [Improve understanding of the atmosphere, the Earth system, and the Sun](#)
- [Increase societal resilience to weather, climate, and other atmospheric hazards](#)
- [Cultivate a scientifically literate and engaged citizenry and a diverse and creative workforce](#)
- [Provide robust, accessible, and innovative information services and tools, and](#)
- [Provide world-class ground, airborne, and space-borne observational facilities and services.](#)

In pursuing these goals NCAR will continue to serve as NSF's strategic partner in addressing issues of national concern, including understanding climate change, advancing weather and severe storm forecasting, and securing U.S. competitiveness in science and engineering, all for the benefit of society.

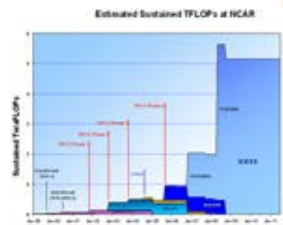
This report describes NCAR's major accomplishments in 2006 and our plans for 2007. As you will see, our efforts continue to benefit enormously from pervasive community interactions, ranging from the many and growing research collaborations to active community leadership of our field campaigns.



Beyond the scientific work itself, the need for effective communication, public outreach, and education is urgent, perhaps most notably in the context of anthropogenic climate change. As the evidence builds that climate change is under way and having visible consequences, the need for concerted responses intensifies. NCAR is working to improve society's ability to respond to the challenges faced by our leaders and decision makers, from computer modeling, to studying the genesis of hurricanes, to developing early warning systems and other effective communication tools.

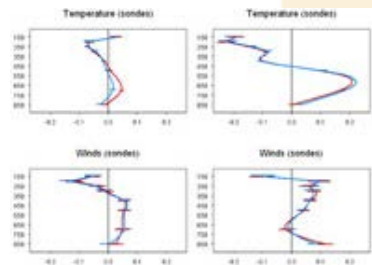


Through our world-class observational facilities, we are improving weather models and instruments for researchers. In 2006, NCAR conducted the first scientific missions with the new NSF High-Performance Instrumented Airborne Platform for Environmental Research (HIAPER), a Gulfstream V specially adapted as a research jet. The culmination of 20 years of planning and development, HIAPER can fly up to 51,000 feet with a range of 7,000 miles and can carry 5,600 pounds of scientific sensors. Following a year of progressive science missions, HIAPER saw its first major field deployment in the spring, during the successful Terrain-Induced Rotor Experiment (T-REX). This experiment brought scientists, technicians, and students from across the United States and Europe to the Owens Valley of California to study rotors, huge rolling-pin-shaped zones of high turbulence that form near mountains. The formations and associated turbulence are not only scientifically challenging, they threaten aircraft safety.

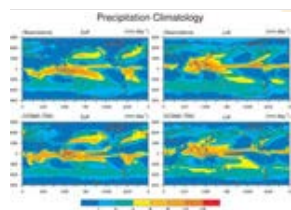


Complex models and increasing amounts of observational data require that NCAR meet exponentially growing computational needs in the geosciences research community. Our short-term goal is to augment supercomputing capacity by a factor of 25 in five years, from our starting point in early 2005. We recently completed the first and only Integrated Computing Environment for Scientific Simulation (ICESS) procurement. We will install the new ICESS machine in early 2007, increasing the total production computing capacity at NCAR to over 2.2 teraflops sustained, thereby providing our community with secure, leading-edge computing capabilities for the next several years. Our even-more-ambitious goal is to reach petascale computing for all the geosciences, and we recently hosted a major community workshop to outline steps for achieving that vision.

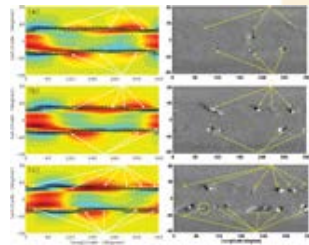
Our computational resources have allowed NCAR to conduct research and develop community models that improve our understanding of the atmosphere, the Earth system, and the Sun. With these models scientists are able to provide national and regional decision-makers with the most advanced science in weather and climate modeling.



In August, the high-resolution Weather Research and Forecasting model (WRF) became the first model to serve as both the backbone of the nation's public weather forecasts and a tool for cutting-edge weather research. The model was adopted for use by NOAA's National Weather Service as the primary model for its one-to-three-day U.S. forecasts and as a key part of the NWS's ensemble modeling system for short-range forecasts. The U.S. Air Force Weather Agency also used WRF for several areas of operations around the world. Because the model fulfills both research and operational functions, it is easier for research findings to be translated into improved operational models, leading to better forecasts.



NCAR's Community Climate System Model (CCSM) served as one of three U.S. models in the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report. NCAR scientists were notably active participants in the IPCC, with seven convening and lead authors and many more contributing authors. In June, a special issue of the Journal of Climate was devoted to the CCSM's contributions to the IPCC, with articles featuring 51 NCAR authors and 49 external collaborators.



This year, NCAR scientists Mausumi Dikpati, Peter Gilman, and Giuliana de Toma published breakthrough research results that indicate the next sunspot cycle will be 30-50% stronger than the last one and begin as much as a year late. The model, called the Predictive Flux-transport Dynamo Model, draws on new understandings of solar dynamics showing that the evolution of sunspots is caused by a current of plasma that circulates between the Sun's equator and its poles over a period of 17 to 22 years. This current acts like a conveyor belt of sunspots. The model has been 98% accurate in simulating the past eight solar cycles. Better prediction of solar cycles would provide advance warning of increases in space weather activity, thermospheric density, and ionospheric disruptions that can disrupt communications satellites, commercial flight patterns, and power systems.



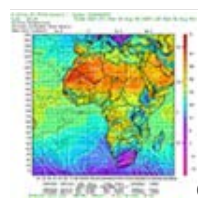
In another breakthrough with important practical applications, field researchers this summer tested a technique for the first time that uses multiple Doppler weather radar to track water vapor in the lower atmosphere. During REFRACT (Refractivity Experiment For H₂O Research And Collaborative operational Technology Transfer) researchers measured changes in the speed of radar signals caused by refraction, which in turn revealed the presence or absence of atmospheric moisture. The proof-of-concept experiment demonstrated that such measurements can help forecasters pin down the locations and timing of storms that might rage a few minutes to a few hours later.



NCAR and its university partners share a commitment to professional development in atmospheric and related sciences. In 2006, NCAR implemented a new Faculty Fellowship Program that promotes professional exchanges between NCAR and UCAR member universities. We augmented our graduate fellowship program, held two graduate research colloquia, and completed our fourth annual Early-career Faculty Forum on Future Scientific Directions.



As NSF's strategic partner, we continue to augment our efforts in education, outreach, and diversity, and I have committed special NCAR funds toward this effort. Of particular note are the annual NCAR Undergraduate Leadership Workshop, which brings promising future leaders from around the country for a week of exposure to NCAR scientists and facilities.





On the international front, we are conducting a special African Initiative in association with the American Association for the Advancement of Science (AAAS), which builds collaborations with African institutions. These and other ongoing activities are aimed at engaging more people from underrepresented minority groups in NCAR's programs.

NCAR's activities as an integrator, innovator, and community builder are contributing to the development of predictive Earth system science that can help sustain Earth's habitability, improve environmental quality, safeguard human health, reduce the impacts of natural disasters, and increase economic productivity. We look forward to working with you to make these goals a reality.

- Tim

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NCAR's Strategic Goals

NCAR's 2006 Strategic Plan, [NCAR as an Integrator, Innovator and Community Builder](#), outlines five Strategic Goals, and the priorities for achieving each. In the following sections we report on progress made in FY 2006 toward each scientific goal and priority, and on our plans for the coming year.

NCAR's five Strategic Goals are to:

1. Improve understanding of the atmosphere, the Earth system, and the Sun,
2. Increase societal resilience to weather, climate, and other atmospheric hazards,
3. Cultivate a scientifically literate and engaged citizenry and a diverse and creative workforce,
4. Provide robust, accessible, and innovative information services and tools, and
5. Provide world-class ground, airborne, and space-borne observational facilities and services.

NCAR's Strategic Goals


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Improve Understanding of the Atmosphere, the Earth System, and the Sun

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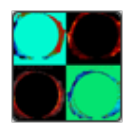
The National Science Foundation supports the National Center for Atmospheric Research (NCAR) to advance basic research in the United States in the atmospheric and related sciences in support of the university community. As a federally-funded research and development center, NCAR is able to sustain a long-term commitment to this scientific enterprise. Our research and understanding of the atmosphere, the Earth System, and the Sun and their environments is essential to fulfilling our other strategic goals. We pursue this basic research to advance our knowledge. Concurrently, we also are able to improve the modeling, computing, and observational facilities we provide; and, to transfer the results of our work to the public and private sector.

Our research includes atmospheric chemistry; meteorology, solar physics, solar-terrestrial interactions, and the Earth's upper atmosphere; climate research; societal impacts of climate change and severe weather; biogeochemistry; water cycle; geophysical turbulence; and applied mathematics and statistical analysis. We conduct our research in close collaboration with university partners; local, state and federal agencies; and with strategic international partners and private sector sponsors. Our goal is also to make our research accessible and widely available.

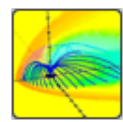
NCAR addresses four broad priorities within this goal:

[Priority 1: Exploring Atmospheric, Earth System, and Solar Processes, Variability and Change](#)

Exploring atmospheric, Earth system, and solar processes, and the variability and change of these processes, are critical components to reaching NCAR's Strategic Goal #1. Exploration into these areas will focus on three key activities: simulation of natural Earth system variability, research on magnetic-flux eruptions from the sun, and understanding the effects of gravity waves, including the coupling between the upper troposphere and lower stratosphere.... [Read more about this priority](#)



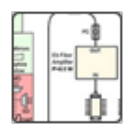
Coronal Magnetometry (CoMP and COSMO)



Space Weather

[Priority 2: Investigating the Interactions of the Atmosphere, the Broader Earth System and Human Society](#)

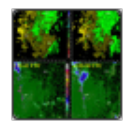
Whereas in the past, meteorology and climatology were separate fields, be it only because of disparate time (and length scales as well), it appears today that the two fields are strongly coupled, not only as the climate gives the boundaries for investigating the weather, but also because localized events can influence the larger climatological scales.... [Read more about this priority](#)



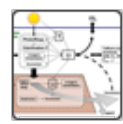
INTEX-B



MIRAGE-MILAGRO



Short-term Weather Forecasting: The Colorado REFRACTT Demonstration



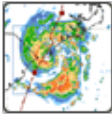
Impacts of Ocean Acidification on Coral Reefs

[Priority 3: Improving Prediction of Weather , Climate, and Other Atmospheric Phenomena](#)

Understanding of the Earth system is a prerequisite to predicting its behavior, the latter being however of a more direct use to many components of society. In that context, the key activities within the laboratory deal with improving climate models, exploring new approaches to prediction across scales and global and local weather prediction.... [Read more about this priority](#)



THORPEX support with Hurricane Genesis Research



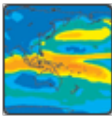
WRF-ARW



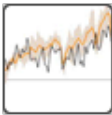
Model Development and Enhancement

Priority 4: Developing Community Models

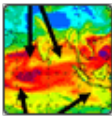
Developing numerical models and making them available to the scientific community is at the heart of NCAR's research and service to the community. Key activities in this priority are community models, research models, and progress toward an Earth system model. Leading the way in the key activity of community models are the CCSM and the WRF... [Read more about this priority](#)



CCSM and IPCC



IPCC Scientific Contributions



Nested Regional Climate Modeling

Science: Strategic Goal 1

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Strategic Goal 2

Increase Societal Resilience to Weather, Climate, and Other Atmospheric Hazards

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Scientific understanding of weather and climate has expanded dramatically, but the application of that knowledge to societal needs remains a grand challenge. Decision makers face an increasingly complex world as human population continues to grow and its associated impacts on the environment escalate. They need better information, tools, and systems to understand, and address, the effects of weather and climate. As the NSF's federally-funded research and development center, NCAR is in a unique position to partner with federal and state agencies to identify and pursue high priority weather and climate information needs for decision-making and to develop the tools decision makers need to plan for hazardous weather events, to improve operational weather forecasting, and to adapt to subtle but long-lasting changes in our climate.

NCAR efforts in this area include:

[Priority 1: Investigating Weather and Climate Information Needs and Decision Making](#)

While decision makers in virtually all sectors of the economy could benefit from improved weather and climate information, they often have little idea of what is currently available and how it could benefit them.... [Read more about this priority](#)



Societal Impacts Program



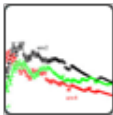
Incorporating Climate Change Information in Water Utility Planning

Priority 2: Building Capacity for Coping with Weather and Climate Hazards

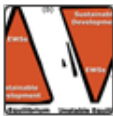
NCAR scientists work in partnership with their stakeholder communities to research, build, and transfer state-of-the-art decision support information, tools and systems.... [Read more about this priority](#)



REFRACTT



Developmental Testbed Center



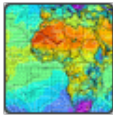
Climate Change, Seasonality and Environmental Hazards

Priority 3: Establishing New Connections with Researchers from Developing Nations

Many of the most interesting and important Earth system processes are global in scale and can only be effectively pursued with cooperation among nations and collaborative research efforts among institutions from many countries.... [Read more about this priority](#)



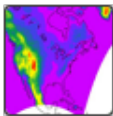
ISTP (International Symposium on Tropospheric Profiling)



Building Capacity in Developing Countries



Priority 4: Supporting and Conducting Regional-Scale Investigations of Climate and Weather

As climate change and societal vulnerability to severe weather becomes more apparent, decision makers want to know what changes are likely to occur in particular places... [Read more about this priority](#)



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Strategic Goal 3

Cultivate a Scientifically Literate and Engaged Citizenry and a Diverse and Creative Workforce

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Our nation is facing a significant challenge in educating the next generation of scientists. As an NSF strategic partner, NCAR contributes to national efforts to improve science literacy, inspire students, educate teachers, inform policy makers, and build a diverse workforce. At NCAR, we recognize that the health of our institution depends on ensuring that those with aptitude and determination have opportunities in the atmospheric sciences and that they are welcomed and nurtured, regardless of gender, ethnic background, nationality, or physical ability.

To achieve this goal, NCAR researchers work with students and teachers in the lab, in the field, in real and virtual classrooms, and via our Web sites to engage them in the exciting research we do. With our own staff and visitors, we are committed to providing ongoing professional development and to creating a workplace environment that allows our employees to flourish.

As a national center, NCAR can catalyze efforts and provide critical leadership in its areas of expertise.

NCAR addresses four broad priorities within this goal:

[Priority 1: Engaging a Broader and More Diverse Community](#)

At NCAR, diversity extends beyond "vital statistics" to include diversity of disciplines, ideas, scientific background and approaches to problem solving. With a rich array of disciplines and a broad outreach component... [Read more about this priority](#)



Inter-American Institute for Global Change Research

Priority 2: Enhancing Science Education

In FY2006, NCAR advanced this priority through expanded collaborations and relationships with visiting scientists, faculty fellowship appointments, and professional development programs. NCAR scientists organized and carried out numerous national and international conferences and workshops... [Read more about this priority](#)



Student Field Project Support



Graduate Visitor Program

Priority 3: Improving Public Awareness and Understanding

This strategic priority and the previous one (enhancing formal science education) are not mutually exclusive and overlap in significant ways. Conferences, colloquia, and workshops enhance public awareness and understanding of the atmospheric sciences by building human and institutional capacity to deal with climate issues... [Read more about this priority](#)



VisLab Outreach Program



Climate Affairs

Priority 4: Maintaining an Innovative and Creative Workplace

Our scientific aspirations cannot be achieved without capable, intelligent, dedicated, and effective personnel. NCAR has increased the number of its early career scientists by 34 since 2001, and has successfully worked to improve the representation of women in the atmospheric sciences ... [Read more about this priority](#)



Science and Engineer Visitor Program



New, State-of-the-Art Chemistry Building and Mesa Lab Refurbishment

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Strategic Goal 4

Provide Robust, Accessible, and Innovative Information Services and Tools

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NCAR's scientific research programs work to provide more accurate advance warning of extreme weather, more skillful prediction of space weather events, and better prediction of the regional impacts of global climate change.

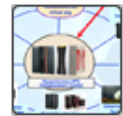
NCAR provides cyberinfrastructure on behalf of the National Science Foundation to enable rapid scientific progress in these areas of the atmospheric and related sciences. NCAR is continually expanding and upgrading its networking, high-end computing, and data management infrastructure and the related portfolio of services it provides to help achieve these advances. NCAR designs, develops, and maintains community models, modeling frameworks, and data analysis and visualization tools that are all made openly available to the community. NCAR collaborates with the community on research activities in computational science, applied mathematics, and geostatistics, with the goal of developing novel, improved techniques for attacking these key scientific problems and providing meaningful results for society.

NCAR has identified four key priorities for this goal:

Priority 1: Enhancing Capability and Capacity of NCAR Supercomputing

NCAR provisions, operates, and maintains supercomputing facilities and cyberinfrastructure to advance our understanding of the

atmospheric and related sciences... [Read more about this priority](#)



Workshop on High Performance Computing for Geosciences Research

Priority 2: Developing and Providing Advanced Services and Tools

For nearly 50 years, NCAR has provided a computational environment to satisfy the institution's overall mission of providing robust, reliable, accessible, innovative, and advanced services to the university community and the broader scientific community... [Read more about this priority](#)



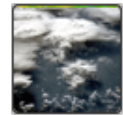
TeraGrid Integration



FODM Integration into EOL

Priority 3: Conducting Research in Computer Science, Applied Mathematics, Statistics, and Numerical Methods

NCAR's research in computational science and math applied to geophysics enhances NCAR's computational resources and produces more efficient scientific simulations... [Read more about this priority](#)



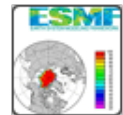
IMAGe

Ave median intensity	Max median intensity
34.7	41
33.8	40
34.5	40
33.3	45

Verification Research

Priority 4: Creating an Earth System Knowledge Environment

NCAR continues to develop an Earth System Knowledge Environment that fosters knowledge sharing and accelerates scientific workflow.... [Read more about this priority](#)



Earth System Modeling Framework

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Strategic Goal 5

Provide World-Class Ground, Airborne, and Space-Borne Observational Facilities and Services

Please enjoy selected scientific highlights by clicking on the thumbnail images below the "overview", or by using the arrows above to move page-by-page.

Observations of our atmosphere, Earth system, and Sun are the basis for many scientific discoveries. The ability to make these observations is fundamental to meeting the science goals of NCAR and the community we serve.


On behalf of NSF, NCAR develops and deploys world-class ground, airborne, and spaceborne observational facilities and services that range from technical assistance on instrument deployment to the organization of field campaigns with hundreds of participants and multiple locations.

We operate the exciting NSF-owned High-performance Instrumented Airborne Platform for Environmental Research (HIAPER), a Gulfstream V (GV) and the world's most advanced research aircraft, along with the NSF/NCAR C-130 and a suite of airborne radars, lidars, and radiometers. Surface-based systems include several mobile radars, an eye-safe lidar, and a wide variety of in situ instruments. We operate the Mauna Loa Solar Observatory, which includes a coronagraph, polarimeter, and photometer, and we have polarimeters and a telescope at the National Solar Observatory in New Mexico.

NCAR priorities in this area include:

Priority 1: Enabling Innovative Field Experiments and Measurement Campaigns

The accuracy, robustness, and performance of weather, climate, and chemistry models depend on sound theory and accurate measurements. NCAR leadership in the area of field program planning and implementation is considered a critical service to the community... [Read more about this priority](#)



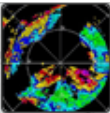
Virtual Operations Center

Priority 2: Developing New Instrumentation

NCAR is tasked with developing a new generation of robust, inexpensive, easily deployable, and versatile instruments to address observational requirements for weather, climate, water cycle, chemistry and dynamics of the upper troposphere/lower stratosphere, space weather, solar models, and the biogeosciences... [Read more about this priority](#)



CAPRIS



Radar Development and Enhancement



Instrument Development at Mauna Loa Solar Observatory

Priority 3: Installing Initial Instrument Suite and Beginning Operations of the NSF/NCAR HIAPER Aircraft

The year 2006 heralded the debut of nation's most advanced research aircraft, the NSF/NCAR GV. This cutting edge observational platform will meet the scientific needs of many disciplines and user communities... [Read more about this priority](#)



Installing the Initial Instrument Suite and Beginning Operations for the NSF/NCAR Gulfstream-V (GV)

NCAR

NCAR Annual Report


CISL report

ESSL report


EOL report

RAL report

SERE report



NCAR ANNUAL REPORT 2006/2007





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NCAR Metrics

The following sections provide another method for viewing NCAR's contributions to the research community, over the past fiscal year. By providing concise "metrics" on a number of our outreach activities, it is easy to see just how much NCAR supports the greater research and education community.

We report on metrics in the following categories:

1. Education & Outreach

2. Honors & Awards

3. Community Service

4. Publications

5. People & Organization

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http://www.nar.ucar.edu/2006/metrics/[12/28/2016 10:30:09 AM]

NCAR

NCAR Annual Report

CISL report

ESSL report

EOL report

RAL report

SERE report



NCAR ANNUAL REPORT 2006/2007



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Education & Outreach Metrics

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Teaching Appointments



55 NCAR Staff held Teaching Appointments -- [back to Education & Outreach](#)

Lastname	Firstname	Appointment	Institution	City	State	Country	NCAR Lab	Group
Branstator	Grant	Professor on the collaborative faculty	Iowa State University	Des Moines	IA	USA	ESSL	CGD
Brasseur	Guy	Professor	University of Hamburg	Hamburg		DEU	ESSL	ESSL
Brasseur	Guy	"Maitre d' Enseignement" - Lecturer	Free University of Brussels	Brussels		BEL	ESSL	ESSL
Coffey	Michael	Associate Professor	University of North Florida	Jacksonville	FL	USA	ESSL	ACD
Cohn	Stephen	Adjunct Faculty	Univ. of Nevada, Desert Research Institute	Reno	NV	USA	EOL	ISF
Collins	William	Adjoint Professor	University of Colorado, PAOS Program	Boulder	CO	USA	ESSL	CGD
Cooley	Dan	Postdoctoral Teaching Assistant	Department of Statistics, Colorado State University	Fort Collins	CO	USA	CISL	IMAGe
Davis	Christopher	Adjunct Professor	North Carolina State University	Raleigh	NC	USA	ESSL	MMM
Davis	Christopher	Adjunct Professor	Colorado State University	Fort Collins	CO	USA	ESSL	MMM
Davis	Christopher	Adjunct Professor	Texas A&M University	College Station	TX	USA	ESSL	MMM
Deser	Clara	Professor	Colorado State University	Fort Collins	CO	USA	ESSL	CGD

Fowler	Tressa	Instructor	CU Denver	Denver	CO	USA	RAL	WSAP
Fried	Alan	Research Associate	Univ. of Colorado, PAOS	Boulder	CO	USA	EOL	TDF
Furrer	Eva	Adjunct Assistant Professor	Colorado School of Mines	Golden	CO	USA	CISL	IMAGe
Gettelman	Andrew	Lecturer	Upper Troposphere and Lower Stratosphere Summer School	Carsege		FRA	ESSL	ACD
Gettelman	Andrew	Lecturer	UTLS Summer School	Carsege		FRA	ESSL	CGD
Gilman	Peter	Professor Adjoint	University of Colorado	Boulder	CO	USA	ESSL	HAO
Glantz	Michael	Adjunct Professor	University of Miami	Miami	FL	USA	SERE	CCB
Glantz	Michael	Adjunct Professor	University of Colorado	Boulder	CO	USA	SERE	CCB
Glantz	Michael	Affiliate Professor	Bard College	Annandale-on-Hudson	NY	USA	SERE	CCB
Goodrich	Kent	Professor	University of Colorado	Boulder	CO	USA	RAL	AAP
Grabowski	Wojciech	Adjunct Professor	University of Delaware	Newark	DE	USA	ESSL	MMM
Grabowski	Wojciech	Faculty Affiliate	Colorado State University	Fort Collins	CO	USA	ESSL	MMM
Hack	James	Adjoint Professor	University of Colorado	Boulder	CO	USA	ESSL	CGD
Hagan	Maura	Affiliate Faculty Member	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Lecturer	The Abdus Salam International Centre for Theoretical Physics	Trieste		ITA	ESSL	HAO
Hahmann	Andrea	Adjunct Assistant Research Professor	University of Arizona	Tucson	AZ	USA	RAL	NCAR
Holland	Greg	Associate	Colorado State University	Fort Collins	CO	USA	ESSL	MMM
Kleypas	Joan	Visiting Professor	Colorado College	Colorado Springs	CO	USA	SERE	ISSE
Lee	Wen-Chau	Adjunct Faculty	Univ. of Hawaii	Manoa	HI	USA	EOL	RSF
Lites	Bruce	Lecturer	Stockholm University	Stockholm		SWE	ESSL	HAO
Liu	Hanli	Faculty Affiliate	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Liu	Hanli	Visiting Professor	Chinese Academy of Sciences	Beijing		CHN	ESSL	HAO
Mearns	Linda	Graduate Faculty Member	Univ. Nebraska	Lincoln	NE	USA	SERE	ISSE
Moeng	Chin-Hoh	Sabbatical, Visiting Professor	Univ. of California at Los Angeles	Los Angeles	CA	USA	ESSL	MMM
Morss	Rebecca	Guest Instructor	Texas A&M University	College Station	TX	USA	ESSL	MMM
Morss	Rebecca	Guest Instructor	Texas A&M University	College Station	TX	USA	SERE/ESSL	ISSE/MMM
Nychka	Doug	Faculty Affiliate	Colorado State University	Fort Collins	CO	USA	CISL	IMAGe

Nychka	Doug	Faculty Affiliate	University of Colorado	Denver	CO	USA	CISL	IMAGe
Nychka	Doug	Faculty Affiliate	North Carolina State University	Raleigh	NC	USA	CISL	IMAGe
Pouquet	Annick	Adjunct Professor	Department of Applied Mathematics, University of Colorado	Boulder	CO	USA	CISL	IMAGe/ESSL
Pouquet	Annick	Adjunct Professor	Joint Institute for Laboratory Astrophysics, University of Colorado	Boulder	CO	USA	CISL	IMAGe/ESSL
Roble	Raymond	Lecturer	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Rosenberg	Duane	Adjunct Professor	Joint Institute for Laboratory Astrophysics, University of Colorado	Boulder	CO	USA	CISL	IMAGe
Solomon	Stanley	Lecturer	Boston Univ.	Boston	MA	USA	ESSL	HAO
St-Cyr	Amik	MCEN 3030	University of Colorado	Boulder	CO	USA	CISL	SCD
Stith	Jeffrey	Adjunct Faculty	Univ. of North Dakota	Grand Forks	ND	USA	EOL	RAF
Sullivan	Peter	Affiliate Faculty	Colorado State University	Fort Collins	CO	USA	ESSL	MMM
Thomas	Stephen	Visiting Lecturer	McGill University	Montreal	QC	CAN	CISL	SCD
Thomas	Stephen	Visiting Lecturer	University of Colorado	Boulder	CO	USA	CISL	SCD
Tie	Xuexi	Adjunct Professor	Texas A&M	College Station	TX	USA	ESSL	ACD
Vivekanandan	Jothiram	Adjunct Faculty	Univ. of Connecticut	Storrs	CT	USA	EOL	RSF
Vivekanandan	Jothiram	Adjunct Faculty	Univ. of Washington	Seattle	WA	USA	EOL	RSF
Warner	Thomas	Research Professor	University of Colorado	Boulder	CO	USA	RAL	NSAP
Weisman	Morris	Adjunct Professor	State University of New York	Albany	NY	USA	ESSL	MMM

Metrics: Education & Outreach



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Advising on Graduate Research



100 Students were Advised by NCAR Staff -- ([back to Education & Outreach](#))

Advisor Last Name	Advisor First Name	Student Last Name	Student First Name	Student's Home Institution	City	State	Country	NCAR Lab	Group
Boehnert	Jennifer	Weinhold	Craig	CU Denver	Denver	CO	USA	SERE	NCAR
Branstator	Grant	Huang	Judy	Iowa State University	Ames	IA	USA	ESSL	CGD
Brasseur	Guy	Santos	Gabriela	International Max Planck Research School	Hamburg		DEU	ESSL	ESSL
Brasseur	Guy	Teichmann	Claas	International Max Planck Research School	Hamburg		DEU	ESSL	ESSL
Brasseur	Guy	Thomas	Manu	International Max Planck Research School	Hamburg		DEU	ESSL	ESSL
Brasseur	Guy	Silliman	Jana	International Max Planck Research School	Hamburg		DEU	ESSL	ESSL
Brasseur	Guy	Wan	Hui	International Max Planck Research School	Hamburg		DEU	ESSL	ESSL

Chen	Fei	Gutmann	Ethan	University of Colorado	Boulder	CO	USA	ESSL	TIMES
Chen	Fei	Horton	Josh	University of South Carolina	Columbia	SC	USA	ESSL	TIMES
Chen	Fei	Chan	Allen	Hong Kong University of Science and Technology	Hong Kong		CHI	ESSL	TIMES
Chen	Fei	Hong	Bryan	University of South Carolina	Columbia	SC	USA	ESSL	TIMES
Cooley	Dan	TREE Group 2006 (team of 9 students)		Colorado State University	Fort Collins	CO	USA	CISL	IMAGe
Cooley	Dan	Lampros	Austin	Colorado State University	Fort Collins	CO	USA	CISL	IMAGe
Dennis	John	Kadlec	Ben	University of Colorado	Boulder	CO	USA	CISL	SCD
Dudhia	Jimmy	Storm	Brandon	Texas Tech University	Lubbock	TX	USA	ESSL	MMM
Dudhia	Jimmy	Ray	Pallav	University of Miami	Miami	FL	USA	ESSL	MMM
Emmons	Louisa	Park	Key Hong	State University of New York at Stony Brook	Stony Brook	NY	USA	ESSL	ACD
Emmons	Louisa	Hawkins	Michelle	Howard University	Washington	DC	USA	ESSL	ACD
Emmons	Louisa	Santos	Gabriela	University of Hamburg, MPI	Hamburg		DEU	ESSL	ACD
Emmons	Louisa	Park	Key Hong	State University of New York at Stony Brook	Stony Brook	NY	USA	ESSL	TIMES
Emmons	Louisa	Park	Key Hong	SUNY Stonybrook	Stony Brook	NY	USA	ESSL	TIMES
Flyer	Natasha	Zuev	Julia	University of Colorado	Boulder	CO	USA	CISL	SCD
Flyer	Natasha	Hovde	Susan	University of Colorado	Boulder	CO	USA	CISL	SCD
Flyer	Natasha	Piret	Cecile	University of Colorado	Boulder	CO	USA	CISL	SCD
Gettelman	Andrew	Wu	X	University of Washington	Seattle	WA	USA	ESSL	ACD
Gettelman	Andrew	Wu	X	University of Washington	Seattle	WA	USA	ESSL	CGD
Glantz	Michael	Stapleton	Sarah	Univ. Colorado	Boulder	CO	USA	SERE	CCB
Gochis	David	Cardenas	Iran	Instituto Tecnologica de Sonora	Cd. Obregon	SON	MEX	RAL	NCAR
Gochis	David	David	Cedric	U. Texas-Austin	Austin	TX	USA	RAL	NCAR
Gochis	David	Maitaria	Kazungu	U. Arizona	Tucson	AZ	USA	RAL	NCAR
Gochis	David	Rowe	Angela	Colorado State University	Ft. Collins	CO	USA	RAL	NCAR
Grabowski	Wojciech	Rasinski	Piotr	Warsaw University	Warsaw		POL	ESSL	MMM
Grabowski	Wojciech	Slawinska	Joanna	Warsaw University	Warsaw		POL	ESSL	MMM
Guenther	Alex	Duhl	Tiffany	University of Colorado	Boulder	CO	USA	ESSL	TIMES

Guenther	Alex	Jardine	Kolby	SUNY Stonybrook	Stony Brook	NY	USA	ESSL	TIMES
Guenther	Alex	Madronich	Monica	University of Colorado	Boulder	CO	USA	ESSL	TIMES
Hack	James	Muszala	Stefan	University of Colorado	Boulder	CO	USA	ESSL	CGD
Hahmann	Andrea	Silva	Armand	Penn State University	University Park	PA	USA	RAL	NSAP
Hahmann	Andrea	Strassberg	Diane	University of Colorado	Boulder	CO	USA	RAL	NSAP
Herzogh	Paul	Landolt	Scott	University of Colorado	Boulder	CO	USA	RAL	AAP
Hess	Peter	Hawkins	Michelle	Howard University	Washington	DC	USA	ESSL	ACD
Heymsfield	Andrew	Pratt	Aaron	Howard University	Washington	DC	USA	ESSL	MMM
Holland	Greg	Suzuki	Asoki	Georgia tech	Atlanta	GA	USA	ESSL	MMM
Holland	Marika	Finnis	Joel	University of Colorado	Boulder	CO	USA	ESSL	CGD
Jochum	Markus	Seo	Hyodae	Scripps Institution of Oceanography	San Diego	CA	USA	ESSL	CGD
Jochum	Markus	Wang	Jinbo	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	CGD
Jochum	Markus	Zhou	Lei	University of Maryland	College Park	MD	USA	ESSL	CGD
Kleypas	Joan	Suprenand	Paul	Colorado School of Mines	Golden	CO	USA	SERE	ISSE
Kleypas	Joan	Suprenand	Paul	Colorado School of Mines	Golden	CO	USA	SERE	ISSE
Knight	Charles	Henry	Colleen	Purdue University	West Lafayette	IN	USA	ESSL	MMM
Lites	Bruce	Hillberg	Tomas	Stockholm University	Stockholm		SWE	ESSL	HAO
Liu	Hanli	Fernandez	Alisha	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Low	Boon Chye	Janse	Aase Marit	Oslo University	Oslo		NOR	ESSL	HAO
MacGregor	Keith	Freed	Kelly	Metro State College	Denver	CO	USA	ESSL	HAO
Madronich	Sasha	Dzepina	Katja	University of Colorado at Boulder	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Hodzic	Alma	Ecole Polytechnique Paris	Paris		FRA	ESSL	ACD
Mahowald	Natalie	Ballentine	J. Andrew	UCSB	Santa Barbara	CA	USA	ESSL	CGD
Moeng	Chin-Hoh	Lin	Mei-Yin	National Chiao Tung University	Hsinchu City		TWN	ESSL	MMM
Nair	Ram	Levy	Michael	University of Colorado	Boulder	CO	USA	CISL	SCD
Otto-Bliesner	Bette	Burt	Melissa	Colorado State University	Fort Collins	CO	USA	ESSL	CGD
Patton	Edward	Mao	Shaolin	Tulane University	New Orleans	LA	USA	ESSL	MMM/TIMES
Patton	Edward	Rejmanek	Honza	University of California	Davis	CA	USA	ESSL	MMM/TIMES
Pouquet	Annick	Graham	Jonathan	University of Colorado	Boulder	CO	USA	CISL/ESSL	IMAGe/ESSL

Pouquet	Annick	Baerenzung	Julien	Observatoire de la Cote d'Azure	Nice		FRA	CISL/ESSL	IMAGe/ESSL
Randel	Willaim	Huck	Petra	University of Canterbury	Canterbury		NZL	ESSL	ACD
Rasmussen	Roy	Tardif	Robert	University of Colorado	Boulder	CO	USA	RAL	HAP
Richmond	Arthur	Fang	Tzu-Wei	National Central Univ.	Chung-Li		TAI	ESSL	HAO
Richmond	Arthur	Hurtaud	Yannis	Univ. Paul Sabatier	Toulouse		FRA	ESSL	HAO
Richmond	Arthur	Lee	Edmund	Columbia Univ.	New York	NY	USA	ESSL	HAO
Richter	Jadwiga	Hassiotis	Alex	Pennsylvania State University	University Park	PA	USA	ESSL	CGD
Sassi	Fabrizio	Cionni	Irene	University of L'Aquila	L'Aquila		ITA	ESSL	CGD
Sharman	Bob	Abernethy	Jennifer	University of Colorado	Boulder	CO	USA	RAL	AAP
Smolarkiewicz	Piotr	Plotrowski	Zbigniew	Warsaw University	Warsaw		POL	ESSL	MMM
Solomon	Stanley	Qian	Liying	Pennsylvania State Univ.	State College	PA	USA	ESSL	HAO
Solomon	Stanley	Semenov	Alexy	St. Petersburg Univ.	St. Petersburg		RUS	ESSL	HAO
St-Cyr	Amik	Pick	Sander	University of Colorado	Boulder	CO	USA	CISL	SCD
Stephens	Britton	Heck	Sherri	University of Colorado	Bouler	CO	USA	ESSL & EOL	TIMES
Sun	Jielun	Laffea	Lynette	University of Colorado	Boulder	CO	USA	ESSL	TIMES
Tufo	Henry	Wolitaszek	Matthew	University of Colorado	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Voran	Theron	University of Colorado	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Cope	Jason	University of Colorado	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Levy	Michael	University of Colorado	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Kadlec	Ben	University of Colorado	Boulder	CO	USA	CISL	SCD
Vivekanandan	Jothiram	Padmanabhan	Sharmila	Colorado State Univ.	Ft. Collins	CO	USA	EOL	RSF
Vivekanandan	Jothiram	Chang	Wei-Yu	National Central Univ.	Taipei		TWN	EOL	RSF
Vivekanandan	Jothiram	Ellis	Scott	Univ. of Colorado	Boulder	CO	USA	EOL	RSF
Wang	Wenbin	Prezkuta	Zach	Colorado School of Mines	Golden	CO	USA	EESL	HAO
Warner	Thomas	Hopson	Thomas	Penn State	University Park	PA	USA	RAL	HAP
Warner	Thomas	Lamprey	Benjamin	Penn State	University Park	PA	USA	RAL	HAP
Warner	Thomas	Seefeldt	Mark	University of Colorado	Boulder	CO	USA	RAL	NSAP
Warner	Thomas	Silva	Armand	Penn State University	University Park	PA	USA	RAL	NSAP
Warner	Thomas	Sutton	Christian	University of Colorado	Boulder	CO	UAS	RAL	NSAP
Warner	Thomas	Tardif	Thomas	University of Colorado	Boulder	CO	USA	RAL	NSAP
Wiedinmyer	Christine	Sakulyanontvittaya	Tanarit	University of Colorado at Boulder	Boulder	CO	USA	ESSL	ACD
Wiedinmyer	Christine	Feldman	Michael	University of Texas	Austin	TX	USA	ESSL	ACD

Wiedinmyer	Christine	Feldman	Michael	at Austin University of Texas at Austin	Austin	TX	USA	ESSL	TIMES
Wiedinmyer	Christine	Sakulyanontvittaya	Tanarit	University of Colorado	Boulder	CO	USA	ESSL	TIMES
Williams	John	Cotter	Andrew	Graduate Research Assistant	University of Colorado	Boulder	CO		RAL
Wiltberger	Michael	Claudepierre	Seth	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Xiao	Qingnong	GU	Jianfeng	CAMS	Beijing		CHN	ESSL	MMM

Metrics: Education & Outreach



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Member of Thesis Committee



NCAR Staff Served on 81 Thesis Committees - [back to Education & Outreach](#)

Advisor Last Name	First Name	Student Last Name	First Name	Degree	Student's Home Institution	City	State	Country	NCAR Lab	Group
Anderson	Jeffrey	Ross	Natalie	PhD	University of Colorado	Boulder	CO	USA	CISL	IMAGe
Branstator	Grant	Huang	Judy	PhD	Iowa State University	Ames	IA	USA	ESSL	CGD
Brasseur	Guy	Friedlingstein	Pierre	PhD	Free University of Brussels	Brussels		BEL	ESSL	ESSL
Brasseur	Guy	Hoelzemann	Judith	PhD	University of Hamburg	Hamburg		DEU	ESSL	ESSL
Brasseur	Guy	Capouet	Manuel	PhD	Free University of Brussels	Brussels		BEL	ESSL	ESSL
Brasseur	Guy	Natayan	Caroline	PhD	University of Hamburg	Hamburg		DEU	ESSL	ESSL
Bryan	George	Schumacher	Russ	Degree	Colorado State University	Fort Collins	CO	USA	ESSL	MMM
Chen	Fel	Gutmann	Ethan	PhD	University of Colorado	Boulder	CO	USA	ESSL	TIIMES

Chen	Fei	Horton	Josh	Masters	University of South Carolina	Columbia	SC	USA	ESSL	TIIMES
Chen	Fei	Chan	Allen	PhD	Hong Kong University of Science and Technology	Hong Kong		CHI	ESSL	TIIMES
Chen	Fei	Hong	Bryan	PhD	University of South Carolina	Columbia	SC	USA	ESSL	TIIMES
Coen	Janice	Dunn	Adam	PhD	University of Western Australia	Perth		AUS	ESSL	MMM
Coffey	Michael	Dufour	Denis	PhD	University of Toronto	Toronto	Ontario	Canada	ESSL	ACD
Cohn	Stephen	Campos	Edwin	PhD	McGill Univ.	Montreal		CAN	EOL	ISF
Cohn	Stephen	Billings	Brian	PhD	Univ. of Nevada, Desert Research Inst.	Reno	NV	USA	EOL	ISF
Collins	William	Madry	Lansing	PhD	University of Colorado	Boulder	CO	USA	ESSL	CGD
Davis	Christopher	Baxter	Martin	PhD	St. Louis University	St. Louis	MO	USA	ESSL	MMM
Davis	Christopher	Musgrave	Kate	Masters	Colorado State Univ.	Ft. Collins	CO	USA	ESSL	MMM
Davis	Christopher	Hidalgo	Marc	PhD	Colorado State Univ.	Ft. Collins	CO	USA	ESSL	MMM
Davis	Christopher	Meng	Ellie	PhD	Texas A&M Univ.	College Station	TX	USA	ESSL	MMM
Deser	Clara	Ciasto	Laura	PhD	Colorado State University	Fort Collins	CO	USA	ESSL	CGD
Deser	Clara	Ueyama	Rei	Masters	University of Washington	Seattle	WA	USA	ESSL	CGD
Dudhia	Jimy	Ray	Pallav	PhD	University of Miami	Miami	FL	USA	ESSL	MMM
Dye	James	Deierling	Wiebke	PhD	University of Huntville, AL	Huntville	AL	USA	ESSL	MMM
Fasullo	John	Rahaman	SK Hasibur	PhD	Indian Space Research Organization	Ahmedabad		IND	ESSL	CGD
Flyer	Natasha	Zuev	Julia	PhD	University of Colorado	Boulder	CO	USA	CISL	SCD
Flyer	Natasha	Hovde	Susan	PhD	University of Colorado	Boulder	CO	USA	CISL	SCD
Flyer	Natasha	Piret	Cecile	PhD	University of Colorado	Boulder	CO	USA	CISL	SCD
Gettelman	Andrew	Nassar	Ray	PhD	University of Waterloo	Waterloo	Ontario	CAN	ESSL	ACD
Gettelman	Andrew	Nassar	Ray	PhD	University of Waterloo	Waterloo		CAN	ESSL	CGD
Grabowski	Wojciech	Wang	Hailong	PhD	University of Illinois	Urbana-Champaign	IL	USA	ESSL	MMM
Grabowski	Wojciech	Xue	Yan	PhD	University of Delaware	Newark	DE	USA	ESSL	MMM
Guenther	Alex	Chen	Jack	PhD	Washington State University	Pullman	WA	USA	ESSL	TIMES
Guenther	Alex	Ortega	John	PhD	University of Colorado	Boulder	CO	USA	ESSL	TIMES
Guenther	Alex	Sakulyanontvittaya	Tanarit	PhD	University of Colorado	Boulder	CO	USA	ESSL	TIMES
Hack	James	Muszala	Stefan	PhD	University of Colorado	Boulder	CO	USA	ESSL	CGD

Hack	James	Wu	Jingbo	PhD	State University of New York	Stony Brook	NY	USA	ESSL	CGD
Heymsfield	Andrew	Shupe	Matt	PhD	University of Colorado	Boulder	CO	USA	ESSL	MMM
Heymsfield	Andrew	Bhaskar	Udaya	PhD	MIT	Boston	MA	USA	ESSL	MMM
Heymsfield	Andrew	Schmitt	Carl	PhD	University of Colorado	Boulder	CO	USA	ESSL	MMM
Katz	Richard	Cooley	Dan	PhD	Univ. Colorado	Boulder	CO	USA	SERE	ISSE
Katz	Richard	Nogaj	Marta	PhD	University Paris-South XI	Paris		France	SERE	ISSE
Kleypas	Joan	Manzello	Derek	PhD	Univ. Miami	Miami	FL	USA	SERE	ISSE
Kuo	Ying-Hwa	Wang	Mark	PhD	National Taiwan University	Taipei		TWN	ESSL	MMM
Kuo	Ying-Hwa	Ma	Zhi-Zhong	PhD	Institute of Atmospheric Physics	Beijing		CHN	ESSL	MMM
Kuo	Ying-Hwa	Chen	Shu-Ya	PhD	National Central University	Jhongli City		TWN	ESSL	MMM
Kuo	Ying-Hwa	Chu	Yanli	PhD	Nanjing Institute of Meteorology	Beijing		CHN	ESSL	MMM
Landolt	Scott			Masters	University of Colorado	Boulder	CO	USA	RAL	HAP
Latham	John	Deierling	Wiebke	PhD	University of Huntsville, AL	Huntsville	AL	USA	ESSL	MMM
Latham	John	Beaney	Colin	PhD	University of Leeds	Leeds		GBR	ESSL	MMM
Lee	Wen-Chau	Lai	Hiao-Wei	PhD	National Taiwan Univ.	Taipei		TWN	EOL	RSF
Lee	Wen-Chau	Bell	Michael	Masters	Colorado State Univ.	Ft. Collins	CO	USA	EOL	RSF
Lee	Wen-Chau	Murillo	Shirley	Masters	Univ. of Hawaii	Manoa	HI	USA	EOL	RSF
Lee	Wen-Chau	Wei	Chih-Hsien	PhD	National Defense Univ.	Taipei		TWN	EOL	RSF
LeMone	Margaret	Miao	Qun	PhD	University of Wyoming	Laramie	WY	USA	ESSL	MMM
LeMone	Margaret	Alfieri	Joseph	PhD	Purdue University	West Lafayette	IN	USA	ESSL	MMM
Liu	Changhai	Bai	Aijuan	PhD	Institute of Earth Environment	Xian	Shanxi	CHN	ESSL	MMM/TIIMES
Mahowald	Natalie	Ballentine	J. Andrew	PhD	University of California	Santa Barbara	CA	USA	ESSL	CGD/TIIMES
McCollor	Doug			PhD	Univ. British Columbia	Vancouver	BC	CAN	RAL	NSAP
Nychka	Doug	Kaufman	Cari	PhD	Carnegie Mellon University	Pittsburgh	PA	USA	CISL	IMAGe
Parsons	David	Couvreur	Fleur	PhD	CNRM	Toulouse		FRA	ESSL	TIIMES
Patton	Edward	Friedman	Sara	PhD	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	MMM/TIIMES
Pouquet	Annick	Graham	Jonathan	PhD	University of Colorado	Boulder	CO	USA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Galtier	Sebastian	PhD	University of Paris	Orsay		FRA	CISL/ESSL	IMAGe/ESSL
Remy	Samuel			PhD	Paul Sabatier Univ. / Meteo-France	Toulouse		FRA	RAL	AAP
Roquelaure	Stevie			PhD	Paul Sabatier Univ. / Meteo-France	Toulouse		FRA	RAL	AAP
Rotunno	Richard	Reeves	Heather	PhD	North Carolina State University	Raleigh	NC	USA	ESSL	MMM
Seefeldt	Mark			PhD	University of Colorado	Boulder	CO	USA	RAL	NSAP
Solomon	Stanley	Qian	Liying	PhD	Pennsylvania State Univ.	State College	PA	USA	ESSL	HAO
Sun	Jielun	Laffea	Lynette	PhD	University of Colorado	Boulder	CO	USA	ESSL	MMM
Sutton	Christian			Masters	University of Colorado	Boulder	CO	UAS	RAL	NSAP
Tardif	Robert			PhD	University of Colorado	Boulder	CO	USA	RAL	HAP
Tardif	Robert			PhD	University of Colorado	Boulder	CO	USA	RAL	NSAP
Vivekanandan	Jothiram	Anagnostou	Marios	PhD	Univ. of Connecticut	Storrs	CT	USA	EOL	RSF

Vivekanandan	Jothiram	Ellis	Scott	PhD	Univ. of Colorado	Boulder	CO	USA	EOL	RSF
Weisman	Morris	Galarneau	Thomas	PhD	State University of New York at Albany	Albany	NY	USA	ESSL	MMM
Weisman	Morris	Wheatley	Dustin	PhD	Purdue University	West Lafayette	IN	USA	ESSL	MMM
Weisman	Morris	Quelet	Paul	PhD	Colorado State University	Ft. Collins	CO	USA	ESSL	MMM
Wiedinmyer	Christine	Sakulyanontvittaya	Tanarit	PhD	University of Colorado at Boulder	Boulder	CO	USA	ESSL	ACD/TIIMES
Wilson	James	Murphy	Hanne	Masters	Univ. of California	Los Angeles	CA	USA	EOL	RSF
Xiao	Qingnong	Gu	Jianfeng	PhD	CAMS	Beijing		CHN	ESSL	MMM

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Postdoctoral Fellows



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Advisor Last Name	Advisor First Name	Postdoc Last Name	Postdoc First Name	Postdoctoral Institution	City	State	Country	NCAR Lab	Group
Deser	Clara	Kwon	Young-Oh	University of Washington	Seattle	WA	USA	ESSL	CGD
Deser	Clara	Park	Sungsu	University of Washington	Seattle	WA	USA	ESSL	CGD
Gettelman	Andrew	Morrison	Hugh	University of Colorado	Boulder	CO	USA	ESSL	CGD
Hack	James	Zhu	Ping	University of Colorado	Boulder	CO	USA	ESSL	CGD
Holzer	Thomas	Alouaz	Tayeb	Kiepenheuer Institute			DEU	ESSL	HAO
Knolker	Michael	Metcalfe	Travis	NSF	Boulder	CO	USA	ESSL	HAO
Low	Boon Chye	Petrie	Gordon	University of Athens			GRC	ESSL	HAO
Rasch	Phil	Chen	Jack	University of Colorado	Boulder	CO	USA	ESSL	CGD
					Urbana-				

Rasch	Phil	Habib	Gazala	University of Illinois	Champaign	IL	USA	ESSL	CGD
Rast	Mark	Mason	Joanne	University of Leeds			GBR	ESSL	HAO
Richmond	Arthur	Kwak	Young-Sil	Kyungpook National University			KOR	ESSL	HAO
Snyder	Chris	Aksoy	Altug	Texas A & M Univ	College Station	TX	USA	ESSL	MMM
Snyder	Chris	Chen	Yongsheng	McGill Univ	Montreal	Quebec	CAN	ESSL	MMM
Solomon	Stanley	Jee	Geonwha	University of Utah	Logan	UT	USA	ESSL	HAO
Solomon	Stanley	Rigler	Erin Joshua	University of Colorado, LASP	Boulder	CO	USA	ESSL	HAO
Tomczyk	Steve	Salabert	David	University of Nice			FRA	ESSL	HAO
Nychka	Doug	Cooley	Dan	NCAR	Boulder	CO	USA	CISL	IMAGe
Nychka	Doug	Khare	Shree	NCAR	Boulder	CO	USA	CISL	IMAGe
Warner	Thomas	Lamprey	Benjamin	Penn State University				RAL	NSAP
Warner	Thomas	Hopson	Thomas	Penn State University	University Park	PA	USA	RAL	NSAP

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Graduate Research Assistants



There were 8 NCAR Graduate Research Assistants -- [back to Education & Outreach](#)

Advisor Last Name	Advisor First Name	Graduate Research Asst First Name	Graduate Research Asst Last Name	Institution	City	State	Country	Group	Lab
Knolker	Michael	Creevey	Orlagh	University of La Laguna			ESP	HAO	ESSL
Rast	Mark	Criscuoli	Serena	University of Rome			ITA	HAO	ESSL
Richter	Jadwiga	Hassiotis	Alexander	The Pennsylvania State University	University Park	PA	USA	CGD	ESSL
Socas-Navarro	Hector	Pietarilla	Anna	University of Oslo			NOR	HAO	ESSL
Solomon	Stanley	Semenov	Alexey	St. Petersburg State University			RUS	HAO	ESSL
Tribbia	John				Boulder	CO	USA	ISSE	SERE
Turnipseed	Andrew	Pean	Jeremie	Dept. Inter-UFR D'Ingenierie, Univ. Paul Sabatier	Toulouse		FRA	ACD/TIIMES	ESSL
Williams	John	Cotter	Andrew	University of Colorado	Boulder	CO	USA	AAP	RAL

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Graduate Students



There were 11 NCAR Graduate Students -- [back to Education & Outreach](#)

Advisor Last Name	Advisor First Name	Grad Student Last Name	Grad Student First Name	Grad Student Home Institution	City	State	Country	NCAR Lab	Group
Carson	Laurie	Drews	Carl	University of Colorado	Boulder	CO	USA	RAL	NSAP
Cassano	John	Linden	Seth	University of Colorado	Boulder	CO	USA	RAL	WSAP
Cassano	John	Chapman	Mike	University of Colorado	Boulder	CO	USA	RAL	WSAP
Cassano	John	Hendrickson	Benjamin	University of Colorado	Boulder	CO	USA	RAL	HAP
Dowdy	Stephen	Southwick	Kendall	University of Colorado	Boulder	CO	USA	RAL	RAL AD OFC
Herzegh	Paul	Landolt	Scott	University of Colorado	Boulder	CO	USA	RAL	AAP
Herzegh	Paul	Bateman	Richard	University of Colorado	Boulder	CO	USA	RAL	AAP
Kleypas	Joan	Suprenand	Paul	Colorado School of Mines	Golden	CO	USA	ESSL/SERE	TIIMES/ISSE

Rasmussen	Roy	Tardif	Robert	University of Colorado	Boulder	CO	USA	RAL	AAP
Sharman	Bob	Abernethy	Jennifer	University of Colorado	Boulder	CO	USA	RAL	AAP
Warner	Tom	Ge	Ming	University of Colorado	Boulder	CO	USA	RAL	AAP

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Undergraduate Student Assistants



There were 20 NCAR Undergraduate Student Assistants (Scientific) -- [back to Education & Outreach](#)

Advisor Last Name	Advisor First Name	Undergrad Student Last Name	Undergrad Student First Name	Postdoctoral /Student Home Institution	City	State	Country	NCAR Lab	Group
Boehnert	Jennifer	Weinhold	Craig	CU Denver	Denver	CO	USA	SERE	NCAR
Brown	Barb	Boylan	Patrick	University of Colorado	Boulder	CO	USA	RAL	
Burek	Michael	Nixon	Scott	University of Colorado	Boulder	CO	USA	CISL	SCD
		Craig	P. Kelly	Univ. of Phoenix	Denver	CO	USA	EOL	CDS
Hahmann	Andrea	Strassberg	Diane	University of Colorado	Boulder	CO	USA	RAL	NSAP
		Hobbs	Maurine	Univ. of Colorado	Boulder	CO	USA	EOL	CDS
Landolt	Scott	Gaydos	Andrew	Metro State College of Denver	Denver	CO	USA	RAL	AAP
Landolt	Scott	Galloway	Kevin					RAL	
				University of Northern					

Landolt	Scott	Phillips	Cody	Colorado	Greeley	CO	USA	RAL	AAP
MacGregor	Kelth	Freed	Kelly	Metropolitan State University	Denver	CO	USA	ESSL	HAO
		Mauger	Lisa	Univ. of Colorado	Boulder	CO	USA	EOL	RSF
Politovich	Marcia	Zednik	Stephan	University of Colorado	Boulder	CO	USA	RAL	AAP
Tarrant	Anne-Marie	Brucker	Liam	University of Colorado	Boulder	CO	USA	RAL	RAL AD OFC
Tarrant	Anne-Marie	Pratt	Jake	University of Colorado	Boulder	CO	USA	RAL	RAL AD OFC
Tomczyk	Steve	Marsell	Brandon	Stetson University	Deland	FLA	USA	ESSL	HAO
Wang	Wenbin	Perzkuta	Zach	Colorado School of Mines	Golden	CO	USA	ESSL	HAO
		Weinhold	Craig	CU Denver	Denver	CO	USA	SERE	NCAR
Wiedinmyer	Christine	Harrold	Sara	University of Colorado at Boulder	Boulder	CO	USA	ESSL	ACD/TIIME S
Wilson	Wes	Eret	Mark	University of Colorado	Boulder	CO	USA	RAL	AAP
Wiltberger	Michael	Schmidt	Donald	Boston University	Boston	MA	USA	ESSL	HAO

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Other Undergraduate Assistants (Non-Science)



There were 8 NCAR Undergraduate Student Assistants (Non-Science) -- [back to Education & Outreach](#)

Advisor Last Name	Advisor First Name	Student Last Name	Student First Name	Student Institution	City	State	Country	NCAR Lab	Group
		Anderson	Scott	Undergraduate Student Assist. Other	Univ. of Colorado	CO	USA	DIR	EOL
Emery	Barbara	Zu	Weibin	University of Colorado	Boulder	CO	USA	ESSL	HAO
Kauvar	Janice	Murray	Candice	Red Rocks Community College	Lakewood	CO	USA	CISL	SCD
Meehl	Marla	Caldwell	Blake	University of Colorado at Boulder	Boulder	CO	USA	CISL	SCD
Meehl	Marla	Waukau	Eileen	Loyola Marymount University	Los Angeles	CA	USA	CISL	SCD
Solomon	Stanley	Hack	Christopher	University of Colorado	Boulder	Co	USA	ESSL	HAO
Webster	Kim	Bettge	Sara	University of Colorado	Boulder	CO	USA	RAL	RAL AD OFC
Zlady	Lara	Lundeen	Lisa	University of	Boulder	CO	USA	RAL	RAL AD

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SOARS Students



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Advisor Last Name	Advisor First Name	Student Last Name	Student First Name	Student Institution	City	State	Country	NCAR Lab	Group
Bevirt	Brian	Fernandez	Alisha	University of Colorado	Boulder	CO	USA	CISL	SCD
Campos	Teresa	Mann	Clarence	University of Michigan	Ann Arbor	MI	USA	ESSL	ACD/TIIMES
Davis	Chris	Didlake	Anthony	Univeristy of Washington	Seattle	WA	USA	ESSL	MMM
Gettelman	Andrew	Trent	Kimberly	Yale University	New Haven	CT	USA	ESSL	CGD
Hagan	Maura	Fernandez	Alisha	University of Colorado	Boulder	CO	USA	ESSL	HAO
Hahmann	Andrea	Silva	Armand	Penn State University	Univerity Park	PA	USA	RAL	NSAP
Katz	Rick	Harper	Bret	University of California	Berkeley	CA	USA	SERE	ISSE
Kuo	Bill	Hernandez	Michael	University of Miami	Coral Gables	FL	USA	ESSL	MMM
				Pennsylvania	University				

Kuo	Bill	Rodriguez	Luna	State University	Park	PA	USA	ESSL	MMM
Lee	Wen-Chau	Goodman	Keith	Norfolk State University	Norfolk	VA	USA	EOL	RSF
Liu	Hanli	Fernandez	Alisha	University of Colorado	Boulder	CO	USA	ESSL	HAO
Massie	Steve	Morris	Imani	Jackson State University	Mississippi	MS	USA	ESSL	ACD
Mauldin	Lee	Orozco	Marco	University of California	Irvine	CA	USA	ESSL	ACD
Maute	Astrid	Fernandez	Alisha	University of Colorado	Boulder	CO	USA	ESSL	HAO
Strand	Warren	Harper	Bret	University of California	Berkeley	CA	USA	ESSL	CGD
Tie	Xuexi	Wang	Julien	Johns Hopkins University	Baltimore	MD	USA	ESSL	ACD
Warner	Tom	Silva	Armand	Penn State University	University Park	PA	USA	RAL	NSAP
Washington	Warren	Trent	Kimberly	Yale University	New Haven	CT	USA	ESSL	CGD
Weckworth	Tammy	Aguilar	Teresa	Texas Tech University	Lubbock	TX	USA	EOL	RSF
Wilhelmi	Olga	Edwards	Braxton	University of Oklahoma	Norman	OK	USA	SERE	ISSE
Yates	David	Edwards	Braxton	University of Oklahoma	Norman	OK	USA	RAL	NSAP

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K - 12 Educational Activities



There were 56 NCAR Staff Members who Participated in K - 12 Activities - [back to Education & Outreach](#)

Employee Last Name	Employee First Name	Activity	School	City	State	Country	Date	NCAR Lab	Group
Anderson	Bill	Presentation on the MSS to a high school student who visited NCAR.	Colorado Academy	Denver	CO	USA	04/2010	CISL	SCD
Barth	Mary	high school student summer intern	Denver School of the Arts	Denver	CO	USA	03/2010	ESSL	ACD
Barth	Mary	high school student summer intern	Denver School of the Arts	Denver	CO	USA	10/2005	ESSL	MMM
Briegleb	Bruce	Presentation on Global Warming		Denver	CO	USA	10/2010	ESSL	CGD
Bustamante	Dorothy	Hosted Boulder Tec CIA students on an infrastructure tour of the Mesa Lab	Boulder Vocational Tech	Boulder	CO	USA	05/2010	CISL	SCD
Davis	Chris	Classroom help, grade 1 science and grade 4 math	Crestview Elementary	Boulder	CO	USA	10/2009	ESSL	MMM
Flyer	Natasha	Demonstrations of applied math in the geosciences	High School Honors Institute	Boulder	CO	USA	07/2010	CISL	SCD

Fournier	Aime'	Science Research Seminar Mentor	Boulder Valley School District	Boulder	CO	USA	09/2005-01/2006	CISL	IMAGe
Fournier	Aime'	Volunteer Science Fair Judge	Peak-to-Peak Charter	Lafayette	CO	USA	01/2010	CISL	IMAGe
Fournier	Aime'	Volunteer Judge	Boulder Valley Science Research Symposium	Boulder	CO	USA	04/2010	CISL	IMAGe
Genty	Marc	Provided a shadow day for John-Creig Coogan, a gifted 15-yr old student, at the request of Tim Barnes.	Colorado Academy	Denver	CO	USA	04/2010	CISL	SCD
Genty	Marc	NCAR Science Fair Winners - Tour of Champions for Robert and Gwyneth Glissman and Jasmine Rodenburg (Teri Eastburn)	Peak to Peak	Lafayette	CO	USA	06/2010	CISL	SCD
Golden	Mary	volunteer science teacher	Crestview Elementary	Boulder	CO	USA	10/2009	ESSL	MMM
Goldstein	Janine	Presentation on Light	Boulder Country Day	Boulder	CO	USA	01/2010	EOL	CDS
Haggerty	Julie	Science Fair	Foothill Elementary	Boulder	CO	USA	05/2010	EOL/RAL	RAF(EOL)/AAP(RAL)
Hurrell	Jim	Enrichment Program: All About the Weather	Flynn Elementary School	Westminister	CO	USA	03/2010	ESSL	CGD
Hurrell	Jim	Enrichment Program: All About the Weather	Flynn Elementary School	Westminister	CO	USA	03/2010	ESSL	CGD
Hurrell	Jim	Enrichment Program: All About the Weather	Flynn Elementary School	Westminister	CO	USA	03/2010	ESSL	CGD
Hurrell	Jim	Enrichment Program: All About the Weather	Flynn Elementary School	Westminister	CO	USA	03/2010	ESSL	CGD
Jensen	Tara	Judge Science Fair	Boulder County Day School	Gunbarrel	CO		01/2010	RAL	HAP
Joan		Panel Member at Boulder Girl Scout forum on Career Development	Boulder area middle schools	Boulder	CO	USA	01/2010	SERE	ISSE
Joan		Gave local Science Fair prize winners a tour of ISSE and research activities	Local middle/high schools	Boulder	CO	USA	06/2010	SERE	ISSE
Judge	Phil	"Total eclipse" talk and demonstration given to 3rd grade students	Mountain View Elementary School	Boulder	CO	USA	10/2009	ESSL	HAO
LeMone	Margaret	Supervised student volunteer	Peak to Peak Charter School	Lafayette	CO	USA	06/2010	ESSL	MMM
LeMone	Margaret	reviewed/collaborated on Elementary books (GLOBE) for K-4		Boulder	CO	USA	06/1909	ESSL	MMM
LeMone	Margaret	Reviewed content of web-based tool to guide middle school students (GLOBE)		Boulder	CO	USA	06/1909	ESSL	MMM
Levis	Sam	Weather Basics for Hikers	Boulder's Colorado Mountain Club Hiking School	Boulder	CO	USA	05/2010	ESSL	CGD
Lu	Gang	Cultural and Scientific Presentations	Elementary and Middle Schools	Rikubetsu		JPN	10/2009	ESSL	HAO
MacGregor	Keith	Science Fair Judge	Eisenhower Elementary	Boulder	CO	USA	02/2010	ESSL	HAO
Mahoney	William	Winter Road Maintenance Snow Plow Painting Art	Fireside	Louisville	CO	USA	09/2009	RAL	WSAP

		Project	Elementary						
Mahoney	William	Winter Road Maintenance Snow Plow Painting Art Project	Louisville Elementary	Louisville	CO	USA	09/2009	RAL	WSAP
Mahoney	William	Winter Road Maintenance Snow Plow Painting Art Project	Coal Creek Elementary	Louisville	CO	USA	09/2009	RAL	WSAP
Mahoney	William	Winter Road Maintenance Snow Plow Painting Art Project	Louisville Middle	Louisville	CO	USA	09/2009	RAL	WSAP
Mahoney	William	Winter Road Maintenance Snow Plow Painting Art Project	Monarch High School	Louisville	CO	USA	09/2009	RAL	WSAP
Maute	Astrid	Girl Scout Day	NCAR	Boulder	CO	USA	09/2010	ESSL	HAO
Oman	Darin	Established a virtual student exchange over the Access Grid with a school in the UK	Cherry Creek School	Denver	CO	USA	12/2010	CISL	SCD
Pocernich	Matthew	Assisted in talks for reading award ceremony.	Barney Ford Elementary School	Denver	CO	USA	05/2010	RAL	WSAP
Rilling	Robert	S-Pol show and tell	Bear Creek Elementary School	Lakewood	CO	USA	05/2010	EOL	RSF
Rosenberg	Duane	Volenteer Science Fair Judge	Coal Creek Elementary	Louisville	CO	USA	10/2005-12/20 05	CISL	IMAGe
Rosenberg	Duane	Volunteer Science Curriculum Reviewer	Coal Creek Elem	Louisville	CO	USA	10/2005- 5/2006	CISL	IMAGe
Schietlin	Tim	Established a virtual student exchange over the Access Grid with a school in the UK	Cherry Creek School	Denver	CO	USA	12/2010		SCD
Seth		Fishbanks	visiting NCAR	Boulder	CO	USA	11/2009	SERE	ISSE
Seth		Disaster Dynamics: Hurricane Landfall	visiting NCAR	Boulder	CO	USA	03/2010	SERE	ISSE
Shibao	Teresa	Reviewed proposals for Mini-Grants for Impact on Education	Boulder Valley Schools	Boulder	CO	USA	04/2010	CISL	SCD
Siemens	Pete	C-Mesa Annual Science & Engineering Jamboree	University of Colorado	Denver	CO	USA	04/2010	CISL	SCD
St-Cyr	Amik	What is an applied mathematician?	Mesa Elementary School	Boulder	CO	USA	05/2010	CISL	SCD
St-Cyr	Amik	What is an applied mathematician?	Mesa Elementary School	Boulder	CO	USA	05/2010	CISL	SCD
Strand	Warren	All day tour of NCAR Mesa Lab	Mesa Elementary	Boulder	CO	USA	05/2010	ESSL	CGD
Wiedinmyer	Christine	helped lead an elementary school tour and activitiy in the Mesa Lab	Montclair Elementary	Littleton	CO	USA	02/2010	ESSL	ACD/TIIMES
Williams	Steve	INDOEX science presentation	Nederland Middle Senior High School	Nederland	CO	USA	05/2010	EOL	CDS
Wiltberger	Michael	NCAR Field Trip	Douglas County School	Highlands Ranch	CO	USA	08/2010	ESSL	HAO
Wiltberger	Michael	Space Weather	K-12	Boulder	CO	USA	10/2009	ESSL	HAO
Woltaszek	Matthew	Presentation: Supercomputing at NCAR for high school students visiting the ML. Presentation:	Laramie High School	Laramie	WY	USA	10/2009	CISL	SCD

Woitaszek	Matthew	Supercomputing at NCAR for high school students visiting the ML.	Laramie High School	Laramie	WY	USA	10/2009	CISL	SCD
Yin	Jeff	Presentation to high school students participating in a University of Colorado Program on Applied Mathematics	University of Colorado	Boulder	CO	USA	07/2010	ESSL	CGD
Young	Kate	Radiosonde launch presentation	Whittier School	Boulder	CO	USA	02/2010	EOL	ISF

Metrics: Education & Outreach

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Other Educational Activities



There were 156 NCAR Staff Members who Participated in Other Educational Activities - [back to Education & Outreach](#)

Employee Last Name	Employee First Name	Activity	School	State	Country	NCAR Lab	Group
Dattore	Robert	Kohl Elementary Science Fair Judge	K-12	CO	USA	SCD	CISL
Oman	Darin	HBO	General Public	CO	USA	SCD	CISL
Oman	Darin	NY Times/Discover y Channel	General Public	CO	USA	SCD	CISL
Oman	Darin	NBC News/Sci-Fi Channel	General Public	CO	USA	SCD	CISL
Oman	Darin	BBC/Discovery Ch annel	General Public	CO	USA	SCD	CISL
Oman	Darin	BBC/Discovery Ch annel	General Public	CO	USA	SCD	CISL
Scheitlin	Tim	Fox News	General Public	CO	USA	SCD	CISL
Siemsen	Pete	Talk to Vo-Tech Group	K-12	CO	USA	SCD	CISL

Ellis	Scott	Writing Mentor	Undergraduate	CO	USA	RSF	EOL
Goldstein	Janine	Girl Scout Day	General Public	CO	USA	CDS	EOL
Goldstein	Janine	Super Science Saturday	General Public	CO	USA	CDS	EOL
Haggerty	Julie	Science Fair co ordinator	K-12	CO	USA	RAF	EOL
Keeler	R. Jeffrey	Advanced Radar Techniques class	General Public	CO	USA	ISF	EOL
Lim	Timothy	Field research, student participation	General Public	CO	USA	ISF	EOL
Oncley	Steven	Tour of EOL/FL- 1	General Public	CO	USA	ISF	EOL
Parsons	David	NCAR Membership on Dissertation/Thesis Committee	General Public		FRA	ISF	EOL
Phinney	Alan	S-Pol Engineering Tour	General Public	CO	USA	RSF	EOL
Rilling	Robert	S-Pol and Mars hall show-and-tell for 14 undergraduate students	General Public	CO	USA	RSF	EOL
Rilling	Robert	Support for NCAR and NSF weather stations; WebWeather, Weather WebCam	General Public	CO	USA	RSF	EOL
Rilling	Robert	S-Pol show-and -tell	K-12	CO	USA	RSF	EOL
Rilling	Robert	S-Pol Engineering Tour	General Public	CO	USA	RSF	EOL
Rilling	Robert	Video support for radar class and VHDL classes	General Public	IL	USA	RSF	EOL
Semmer	Steve	S-Pol and Mars hall show-and-tell for 14 undergraduate students	General Public	CO	USA	ISF	EOL
Spuler	Scott	Engineering Student Mentor	Undergraduate	CO	USA	RSF	EOL
Twohy	Cynthia	Properties and Effects of Cloud Condensation Nuclei and Ice Nuclei	Undergraduate	CA	USA	RAF	EOL
Weckwerth	Tammy	Science Mentor	Undergraduate	CO	USA	RSF	EOL
Williams	Steven	NCAR Education and Tour Program Seminars	General Public	CO	USA	CDS	EOL
Wilson	James	Mentoring	Undergraduate		BRA	RSF	EOL
Wilson	James	Teaching	Undergraduate		ZAF	RSF	EOL
Young	Kate	Girl Scout Day at NCAR	K-12	CO	USA	ISF	EOL
Young	Kate	Science Fair Judge	K-12	CO	USA	ISF	EOL
Young	Kate	Expanding Your Horizons Workshop (EYH)	K-12	CO	USA	ISF	EOL
Young	Kate	Radiosonde launch demonstration	General Public	CO	USA	ISF	EOL
Buja	Lawrence	NCAR Observational, Computational and Modeling Capabilities	General Public	CO	USA	CGD	ESSL
Buja	Lawrence	NCAR Science Booth at Taste of Colorado	General Public	CO	USA	CGD	ESSL
Campos	Teresa	Tours of Research Aviation Facility:	public	CO	USA	ACD	ESSL

Davis	Chris	hurricanes	Grade 1	CO	USA	MMM	
Deser	Clara	Climate Discovery	General Public	CO	USA	CGD	ESSL
Flocke	Frank	Ozone in the troposphere	public	CO	USA	ACD	ESSL
Gibson	Sarah	Lookings through the stars through X-ray eyes	K-12	CO	USA	HAO	ESSL
Hurrell	James	The Science of Global Climate Change	General Public	CO	USA	CGD	ESSL
Hurrell	James	The Science of Global Climate Change	General Public	CO	USA	CGD	ESSL
Hurrell	James	Climate Research	General Public	CO	USA	CGD	ESSL
Hurrell	James	Climate Variability and Change	General Public	CO	USA	CGD	ESSL
Hurrell	James	The Science of Global Climate Change	General Public	IN	USA	CGD	ESSL
Hurrell	James	All About the Weather	K-12	CO	USA	CGD	ESSL
Hurrell	James	All About the Weather	K-12	CO	USA	CGD	ESSL
Hurrell	James	All About the Weather	K-12	CO	USA	CGD	ESSL
Hurrell	James	All About the Weather	K-12	CO	USA	CGD	ESSL
Kleypas	Joan	Ocean acidification - presentation to science advisor of Sen Ken Salazar (Colorado)	Ocean acidification	DC	USA	TIIMES/ISSE	ESSL/SERE
Kleypas	Joan	Climate change and marine ecosystems - presentation to staffer of Sen Larry Craig (Idaho)	Climate change and marine ecosystems	CO	USA	TIIMES/ISSE	ESSL/SERE
Laing	Arlene	Girl Scout Day Presentation - "One little book and the road to disasters"	K-12	CO	USA	MMM	ESSL
Laing	Arlene	Hampton School Career Day - "From the Malvern Hills to the Open Sky"	K-12		JAM	MMM	ESSL
Laing	Arlene	UCAR Undergraduate Leadership Workshop	Undergraduate	CO	USA	MMM	
Lawrence	David	NCAR Super Scie nce Saturday	General Public	CO	USA	CGD	ESSL
Levis	Samuel	Weather Basics for Hikers, Boulder's Colorado Mountain Club	Weather basics for hikers	CO	USA	TIIMES	ESSL
MacGregor	Keith	Introductory Talk to Science Fair Judges, Teachers	General Public	CO	USA	HAO	ESSL
Marsh	Dan	Solar influence on ozone and climate ICTP-COST-USNSWP-CAWSES-INAF-INFN International Advanced School on Space Weather" (at the Abdus Salam International Centre for Theoretical Physics)	public		ITA	ACD	ESSL
Miesch	Mark	Development of online materials for NCAR's Windows to the Universe	General Public	CO	USA	HAO	ESSL

	Otto-Bliesner	Bette	NCAR Exhibits Science Advisory Committee	General Public	CO	USA	CGD	ESSL
	Otto-Bliesner	Bette	Ecoarts 2006 Climate Expert, NCAR	General Public	CO	USA	CGD	ESSL
	Pfister	Gabriele	Preparation of MOPITT news articles for the NASA Earth Observatory (http://earthobservatory.nasa.gov/)	public	CO	USA	ACD	ESSL
	Pfister	Gabriele	"Address Air Pollution at its Roots," article appeared in the Winter 2006 Issue of California Forests, California Forestry Association	public	CA	USA	ACD	ESSL
	Pfister	Gabriele	various articles in the Boulder Daily Camera	public	CO	USA	ACD	ESSL
	Powers	Jordan	SOARS Writing Mentor	Undergraduate	CO	USA	MMM	ESSL
	Richter	Jadwiga	Girl Scouts at NCAR	K-12	CO	USA	CGD	ESSL
	Shearer	Stephanie	NCAR Science Booth at Taste of Colorado	General Public	CO	USA	CGD	ESSL
	Thornton	Peter	Talk with a Scientist - EcoArts, NCAR	General Public	CO	USA	CGD/TTIMES	ESSL
	Thornton	Peter	Talk with a Scientist - EcoArts, NCAR	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Global Warming: The Signs And The Science (PBS)	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Global Climate Change	General Public	NY	US	CGD	ESSL
	Trenberth	Kevin	Katrina: A Hurricane of Issues	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Changes in Hurricanes and Storms with Climate Change	General Public	MI	USA	CGD	ESSL
	Trenberth	Kevin	The Science of Global Climate Change and Human Influences	General Public		NZL	CGD	ESSL
	Trenberth	Kevin	Observed Changes to the Climate and their Causes	General Public		NZL	CGD	ESSL
	Trenberth	Kevin	Participant in Panel Discussion	General Public		NZL	CGD	ESSL
	Trenberth	Kevin	Climate Change Science (Business Breakfast Dialog)	General Public		NZL	CGD	ESSL
	Trenberth	Kevin	Climate Change and Water in the West	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Global Climate Change and Water in the West	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Global Climate Change and Water in the West	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Global Warming: The Signs And The Science (PBS)	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Global Warming (HBO)	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Global Agenda	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Katrina and Climate Change (NHK TV, Japan)	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	BBC TV Interview	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	A World of Possibilities (Mainstream Media Interview)	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	Weather & Natural Disasters (CNN Interview)	General Public	CO	USA	CGD	ESSL
	Trenberth	Kevin	KPFA Radio Interview (Berkeley, CA)	General Public	CO	USA	CGD	ESSL

Trenberth	Kevin	A World of Possibilities (Radio New Zealand)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	"Ideas" Radio Interview	General Public		NZL	CGD	ESSL
Trenberth	Kevin	"Nine to Noon" Radio Interview	General Public		NZL	CGD	ESSL
Trenberth	Kevin	New Zealand TV 1 Interview	General Public		NZL	CGD	ESSL
Trenberth	Kevin	New Zealand TV 2 Interview	General Public		NZL	CGD	ESSL
Trenberth	Kevin	New Zealand Dominion-Post Interview	General Public		NZL	CGD	ESSL
Trenberth	Kevin	CNN Lou Dobbs Interview	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (ABC 20/20)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (Denver 9 News)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (Time Magazine)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (U.S. News & World Report Magazine)	General Public			CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (ABC 20/20)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (Forbes Magazine)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (Reuters)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (WSKY Gainesville FL)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (KPFT Houston, TX)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes ("Against the Grain" Radio Show, Pacifica Radio KPFA, Berkeley, CA)	General Public	CA	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (KDKA Pittsburg, PA)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (WDTW Detroit, MI, Clear Channel: Nancy Skinner show)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (KOA Denver, CO)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (WDAL Baltimore, MD)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (KPSA Berkeley, CA)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (SEMANA Magazine, Bogota, Columbia)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (ABC News - Investigative Unit)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (Popular Science Magazine)	General Public	CO	USA	CGD	ESSL

Trenberth	Kevin	Interview on Hurricanes (KSRO Radio Pat Thurston show, Santa Rosa, CA)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (Match Magazine, Paris, France)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (Random Lengths News)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (KCPW/KPCW - NPR Salt Lake City, UT)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Interview on Hurricanes (San Jose Mercury News)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (WAMC-FM Albany, NY)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (KSFR-FM, Santa Fe NM)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (KDHX-FM St Louis, MO)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (Wyoming, Wyoming Public Radio, KUWR)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (WRVC, WV)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (Wyoming, Public News Service)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (KHSU-FM Humboldt County, CA)	General Public	CO	USA	CGD	ESSL
Trenberth	Kevin	Radio Interview (NPR Science Friday with Ira Flato)	General Public	CO	USA	CGD	ESSL
Weisman	Morris	Forecasting convection with the Weather Research and Forecast Model	General Public		USA	MMM	ESSL
Wiedinmyer	Christine	Modeling regional atmospheric chemistry	Undergraduate	CO	USA	ACD/TIIMES	ESSL
Wiedinmyer	Christine	Biocomplexity and Atmospheric Chemistry	Undergraduate	CO	USA	ACD/TIIMES	ESSL
Gilleland	Eric	Super Science Saturday -- Velcro Wall Assistance	K-12	CO	USA	WSAP	RAL
Hacker	Joshua	Weather Outside our Windows	K-12	CO	USA	RAL	RAL
Jensen	Tara	Environmental Implications of Precipitation Enhancement	Undergraduate	CO	USA	HAP	RAL
Jensen	Tara	Overview of Precipitation Enhancement for Water Management Class	Undergraduate	WY	USA	HAP	RAL
Jensen	Tara	mentoring Univ of Wyo undergrad student in model validation	Undergraduate	WY	USA	HAP	RAL
Liu	Yubao	NCAR/RAL TAMDAR project web contents	General public	CO	US	NSAP	RAL
Liu	Yubao	NCAR/RAL 4DWX/FCS project web contents	General public	CO	US	NSAP	RAL
Nance	Louisa	"Downslope Windstorm Laboratory" 2006 Unidata User's Workshop: "Expanding the Use of Models as Educational Tools in the Atmospheric and Related	Undergraduate	CO	USA	DTC	RAL

Sciences

Park	Carol	Worked in the NCAR science booth at the Taste of Colorado	General public	CO	USA	WSAP	RAL
Roberts	Rita	Refractivity Web page for NWS forecasters	General Public	CO	USA	AAP	RAL
Saxen	Tom	The NCAR Auto-Nowcast system	Undergraduate	MN	USA	HAP	RAL
Warner	Thomas	Desert Meteorology - CU Semester course	graduate - undergraduate	CO	USA	NSAP	RAL
Wilson	James	Use of models in Nowcasting Convective storms	Undergraduate	Taipei	TWN	HAP	RAL
Wilson	James	Developing a Heavy Rain Nowcasting System	Undergraduate	Taipei	TWN	HAP	RAL
Wyszogrodzki	Andrzej	informal science education resources: create web page describing EULAG model.	Undergraduate	CO	USA	NSAP	RAL
Tardif	Robert	Provided information for article on fog in the Science World magazine published by Scholastic Inc., coinciding with the release of the movie "The Fog"	NY	USA		AAP	RAL
Vani	Weather and Climate: The two go together	3RD-9TH	CO	USA		ASP/SCD	SERE
Kristen	Weather and Climate: The two go together	3RD-9TH	CO	USA		ASP/MMM	SERE
Christine	Girl Scouts at NCAR	3RD-9TH	CO	USA		ASP/CGD	SERE
Christine	Super Science Saturday	3RD-9TH	CO	USA		ASP/CGD	SERE
Christine	Science demonstrations	Public	CO	USA		ASP/CGD	SERE
Joan	Climate change and marine ecosystems - presentation to staffer of Sen Larry Craig (Idaho)	General Public	CO	USA	09/02/10	ISSE	SERE
Joan	Ocean acidification - presentation to science advisor of Sen Ken Salazar (Colorado)	General Public	DC	USA	05/24/10	ISSE	SERE
Emily	Extreme Weather Sourcebook	General Public	CO	USA	05/31/10	NCAR/ISSE/SIP	SERE
Emily	Societal Aspects of Weather	General Public	CO	USA	08/02/10	NCAR/ISSE/SIP	SERE
Gabriele	Preparation of MOPITT news articles for the NASA Earth Observatory (http://earthobservatory.nasa.gov/).	public	Boulder	CO	USA	ASP/ACD	SERE
Gabriele	Peer-reviews of articles for J. G		Boulder	CO	USA	ASP/ACD	SERE

Metrics: Education & Outreach



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NCAR Staff Honors and Awards



There were 30 NCAR Staff Members who Received Awards - [back to Honors & Awards](#)

Employee Last Name	Employee First Name	Title of Award		Awarding Entity	NCAR Lab	Group
Anderson	Rebecca	Governor General's Gold Academic Medal	York University		ESSL	ACD
Bell	Michael	2006 Herbert Riehl Memorial Award	Colorado State Univ., Department of Atmospheric Sciences		EOL	RSF
Boville	Byron	CCSM Distinguished Achievement Award	Breckenridge		ESSL	CGD
Coffey	Michael	NASA Group Achievement Award for efforts on HIRDLS analysis	NASA		ESSL	ACD
Craig	Cheryl	NASA Group Achievement Award for efforts on HIRDLS analysis	NASA		ESSL	ACD
Creevy	Orlagh	G-MTM Research Grant	Portugal Science Foundation		ESSL	HAO
Creevy	Orlagh	Travel Grant	US SOHO Project		ESSL	HAO
Creevy	Orlagh	Travel Grant	AAS		ESSL	HAO

Flocke	Frank	Oustanding Atmos Sci Paper	NASA Langley	ESSL	ACD
Gilman	Peter	Hale Prize	SPD/AAS	ESSL	HAO
Hagan	Maura	NASA Honor Group Achievement Award to the UARS Team	NASA	ESSL	HAO
Hurrell	James	Fellow	American Meteorological Society	ESSL	CGD
Hurrell	James	Distinguished Alumnus	Purdue University	ESSL	CGD
Lee	Hyunah	NASA Group Achievement Award for efforts on HIRDLS analysis	NASA	ESSL	ACD
Lee	Hyunah	NASA Achievement Award for contributions to the AURA project	NASA	ESSL	ACD
Low	Boon Chye	Tan Kah Kee Visiting Professor to Nanyang Technological University	Tan Kah Kee Foundation	ESSL	HAO
Mahowald	Natalie	Houghton Award	AMS	ESSL	CGD/TIIM ES
Mayor	Shane	Best Poster Award	23rd International Laser Radar Conference	EOL	RSF
Mearns	Linda	AMS Fellow	AMS	SERE	ISSE
Meehl	Gerald	The Editor's Citation, Geophysical Research Letters	American Geophysical Union	ESSL	CGD
Pietarila	Anna	SPD Studentship Award	SPD (Solar Physics Division) AAS	ESSL	HAO
Pocernich	Matthew	Chapter Service Recognition Award	American Statistical Association	RAL	WSAP
Randel	William	Editor's Citation for Excellence in Refereeing	Geophysical Research Letters	ESSL	ACD
Randel	William	NASA Achievement Award for contributions to the AURA project	NASA	ESSL	ACD
Randel	William	NASA Achievement Award for contributions to the UARS project	NASA	ESSL	ACD
Roble	Raymond	Highly Cited -- Space Sciences	ISI Web of Knowledge	ESSL	HAO
Roble	Raymond	Norbert-Gerbier Mumm Award for 2005 for the paper "Review of Mesospheric Temperature Trends" published in Reviews of Geophysics in 2003	World Meteorological Organization	ESSL	HAO
Washington	Warren	Commencent Speaker and recipient of Honorary Doctorate of Science	Oregon State Univesity	ESSL	CGD
Washington	Warren	Elected Honorary Member of the American Meteorological Society	American Meteorological Society	ESSL	CGD
Weinheimer	Andrew	Oustanding Atmospheric Science Paper	NASA Langley	ESSL	ACD

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NCAR Staff Who Received Fellowships



There were 3 NCAR Staff Members who Received Fellowships - [back to Honors & Awards](#)

Employee Last Name	Employee First Name	Title of Fellowship	Awarding Entity	NCAR Lab	Group
Glantz	Michael	Osher Fellow, San Francisco Exploratorium	San Francisco Exploratorium	SERE	CCB
Mahowald	Natalie	Marie Tharp Fellowship	Columbia University	ESSL	CGD/TIIMES
Mearns	Linda	AMS Fellowship	American Meteorological Society	SERE	

NCAR

NCAR Annual Report


CISL report

ESSL report


EOL report

RAL report

SERE report




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NCAR-organized Workshops



There were 123 NCAR-organized Workshops Held in FY 2006 - [back to Community Service](#)

Title of Workshop	# of Attendees	External Sponsor(s)	City	State	Country	NCAR Lab	Group
11th Annual CCSM Workshop	350	NSF, DOE	Breckenridge	CO	USA	ESSL	CGD
1st ILEAPS Science Conference	300	NCAR	Boulder	CO	USA	ESSL	ACD
2006 ATEC Forecasters' Conference (Installments 1 and 2)	26	Army Test and Evaluatio n Command	Boulder	CO	USA	RAL	NSAP
2nd Annual AMS Weather and Climate Enterprise Summer Community Meeting	50	National Oceanic and Atmospheric Administration, National Science Foundation	Boulder	CO	USA	CISL	SCD
2nd Annual Summer Community Meeting	65	AMS	Boulder	CO	USA	RAL	JNT
2 nd MMM-CSU/CIRA Data Assimilation Workshop	50	CSU, CIRA	Ft. Collins	CO	USA	ESSL	MMM
2nd World Weather Research Program Symposium on Quantitative Precipitation Forecasting and Hydrology	200	WMO	Boulder	CO	USA	RAL	HAP
4th GRAPES-WRF modeling joint workshop	40	Shanghai Weather Bureau	Hangzhou		CHN	ESSL	MMM

5th Annual ESMF Workshop	100	NASA, DOD, NSF	Baltimore	MD	USA	CISL	SCD
7th International Sym posium on Tropospheric Profiling	138	NOAA, NSF	Boulder	CO	USA	EOL	ISF
7th WRF Users' Annual Workshop	205	CRAY Inc.	Boulder	CO	USA	ESSL	MMM
7th WRF Users' Workshop	100+	NCAR	Boulder	CO	USA	ESSL	ACD
9th Wildland Fire Safety Summit	200	Intl Assn of Wildland Fire	Pasadena	CA	USA	ESSL	MMM
Advancing Microphysics in Global Models	10	NSF	Boulder	CO	USA	ESSL	CGD
AIMES SSC Meeting	20	AIMES	Victoria		CAN	ESSL	CGD
AIMES/WGCM Aspen Global Change Institute: Future of Earth System Models	35	NASA, WGCM, AIMES	Aspen	CO	USA	ESSL	CGD
Antarctic Meteorological Observation, Modeling, and Forecasting Workshop	47	NSF	Boulder	CO	USA	ESSL	MMM
AVAPS Dropsonde Use rs Meeting	35	NSF	Boulder	CO	USA	EOL	ISF
Azimuth Ambiguity Workshop	25	CSAC, SDO-HMI	Boulder	CO	USA	ESSL	HAO
Biogeochemistry and Water	35	NCAR	Boulder	CO	USA	ESSL/RAL	TIIMES/HAP
Boulder Weather and Society * Integrated Studies (WAS*IS) -- Session 1	25	NSF, NOAA	Boulder	CO	USA	SERE/RAL	ISSE/SIP
Boulder Weather and Society * Integrated Studies (WAS*IS) -- Session 2	23	NSF, NOAA	Boulder	CO	USA	SERE/RAL	ISSE/SIP
CASES-99 Workshop	15		Boulder	CO	USA	ESSL	MMM
CCSM Land Model Working Group Meeting	30	NSF, DOE	Boulder	CO	USA	ESSL	CGD
CEDAR Workshop	312	NSF	Santa Fe	NM	USA	ESSL	HAO
Chemistry-Climate Model Validation 2005 Meeting	85	WCRP, SPARC, NOAA	Boulder	CO	USA	ESSL	CGD
Chemistry-Climate Working Group	50	NCAR	Boulder	CO	USA	ESSL	ACD
Chemistry-Climate Working Group	50	NCAR	Breckenridge	CO	USA	ESSL	ACD
Clarus Metadata Task Force Meeting	15	FHWA	Boulder	CO	USA	RAL	WSAP
Clarus Quality Checking Task Force Meeting	20	FHWA	Boulder	CO	USA	RAL	WSAP
Community Climate System Model Joint Atmospheric Model and Chemistry-Climate Working Group Meetings	80	NSF, DOE	Boulder	CO	USA	ESSL	CGD
Community Workshop On Air Quality Remote Sensing From Space: Defining An Optimum Observing Strategy	201	NCAR	Boulder	CO	USA	ESSL	ACD
Data Assimilation for the Community Climate System Model	30	n/a	Breckenridge	CO	USA	CISL	IMAGe
DC3 Planning Workshop	~40	NSF	Boulder	CO	USA	ESSL	ACD
DC3 Planning Workshop	49		Boulder	CO	USA	ESSL	ACD
DC3 workshop	100	NSF	Boulder	CO	USA	ESSL	ACD

Deep Convective clouds & Chemistry (DC3) Planning Workshop	52		Boulder	CO	USA	ESSL	TIIMES
Deep Convective Clou ds and Chemistry (DC3)	100	NSF	Boulder	CO	USA	EOL	TDF
Deep Convective Clouds and Chemistry Planning Workshop	50	NCAR	Boulder	CO	USA	ESSL	ACD
DESWAT Hydrological Modeling Workshop	6	BAMS, NASA	Boulder	CO	USA	RAL	HAP
DTC Visitor Reunion	20	NOAA, NSF	Boulder	CO	USA	RAL	JNT
Early Career Scientists Assembly (ECSA) Junior Faculty Forum on Future Scientific Directions	50		Boulder	CO	USA		
EUFAR 1st Gas Phase Expert Group Meeting	11	EUFAR	Oberpfaffenhofen		DEU	ESSL	ACD
Geoscience Applications Requirements for Petascale Architectures (GARPA-1)	35	NSF	Washington	DC	USA	CISL	SCD
Global Change Assessment Focus Group	15	NAS	Boulder	CO	USA	ESSL	ESSL
Gravity Waves Retreat	30		Boulder	CO	USA	ESSL	TIIMES
Hurricane Intensity Research Working Group	34	NOAA	Boulder	CO	USA	ESSL	MMM
IBM-Taiwan WRF Community Model Workshop	40	Chinese Weather Bureau	Taipei		TWN	ESSL	MMM
InFlight icing Workshop	~150	AMS	Atlanta	GA	USA	RAL	AAP
Integrated History and Future of People on Earth Conference (IHOPE); Science Plan	20	AIMES, MISTRA	Stockholm		SWE	ESSL	CGD/TIIMES
Integrated Land Ecosystem-Atmosphere Processes Study (ILEAPS) Science Conference	250	NCAR, China Association for Science and Technology (CAST), Dekati Ltd., and Vaisala	Boulder	CO	USA	ESSL	CGD/TIIMES
International Geosphere-Biosphere Programme	10	IGBP	Boulder	CO	USA	ESSL	ESSL
International Geosphere-Biosphere Programme	35	AIMES/IGBP	Boulder	CO	USA	ESSL	ESSL
International Warm Season Precipitation Workshop	11		Boulder	CO	USA	ESSL	TIIMES
Joint Intra-Americas-Institute/ASP Colloquium on Policy planning and decision making involving climate change and variability	22	IAI	Boulder	CO	USA	SERE/RAL	ISSE/HAP
Joint Science Teams Workshop for MILAGRO (MIRAGE-Mex)	??	NCAR	Boulder	CO	USA	ESSL	ACD
Joint Science Teams Workshop for MILAGRO (MIRAGE-Mex)	50		Boulder	CO	USA	ESSL	ACD/TIIMES
Junior Faculty Forum-Futu re Scientific Directions	31	NSF	Boulder	CO	USA	EOL/ASP	SERE
Land Use Classification/Harmonization Workshop	55	AIMES, FAO, LUCC	Rome		ITA	ESSL	CGD
Living With a Star (LWS) Density Focused Science Team Meeting on the Thermosphere	25	NASA	Boulder	CO	USA	ESSL	HAO
Living With a Star (LWS) Heliospheric Focused Science Team Meeting	20	NASA	Boulder	CO	USA	ESSL	HAO
Living With a Star (LWS) Team Meeting on the Midlatitude Ionosphere	25	NASA	Boulder	CO	USA	ESSL	HAO
Living With a Star (LWS) TR&T Science Team Meeting	20	NASA	Boulder	CO	USA	ESSL	HAO
Living With a Star (LWS) TR&T Science Team Meeting	20	NASA	Boulder	CO	USA	ESSL	HAO
MDSS Stakeholder Meeting	115	FHWA	Boulder	CO	USA	RAL	WSAP

MILAGRO (MIRAGE-Mex/MCMA2006/MAX-Mex) and INTEX-B Joint Science Teams Meeting	100	NSF/NASA	Boulder	CO	USA	ESSL	ACD
MILAGRO Science Teams Meeting	150	NASA/DOE	Boulder	CO	USA	ESSL	ACD
MIRAGE/INTEX planning workshop	150	NSF/NASA	Boulder	CO	USA	ESSL	ACD
Modeling Magnetohydrodynamic Turbulence: Application to planetary and stellar dynamos	45	n/a	Boulder	CO	USA	CISL	IMAGe
MODIS	75	NASA, AIMES	Missoula	MT	USA	ESSL	CGD
NCL Workshop	16	SCD,CGD	Boulder	CO	USA	CISL	SCD
NCL Workshop	16	SCD,CGD	Boulder	CO	USA	CISL	SCD
NCL Workshop	12	NOAA,SCD,CGD	Silver Spring	MD	USA	CISL	SCD
NCL Workshop	13	SCD,CGD	Boulder	CO	USA	CISL	SCD
New cross sections, indices of refraction, and reflectance spectra of atmospheric interest	50	HITRAN spectroscopic database conference	Cambridge	MA	USA	ESSL	ACD
Norman Weather and Society * Integrated Studies (WAS*IS)	40	NSF, NOAA, Univ. of Oklahoma, NOAA/NSSL Colloquium Series	Norman	OK	USA	ISSE/RAL	ISSE/SIP
North American THORPEX Societal and Economic Research and Application Workshop	30		Boulder	CO	USA	ESSL	TIIMES
North American THORPEX Societal and Economic Research and Applications Workshop	42	NCAR; WMO	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
North American THORPEX Societal and Economic Research and Applications Workshop	40	THORPEX International Program Office	Boulder	CO	USA		
Nowcasting Workshop for African Scientists	22	NCAR	Pretoria		ZAF	RAL	HAP
Prom Workshop	25	Helios Research	Boulder	CO	USA	ESSL	HAO
Reference Upper Air O bservations for the Global Climate Observing System: Potential Technologies and Networks	50	World MeteorologicalOrganization, NOAA	Seattle	WA	USA	EOL	ISF
Retreat on Water & Biogeochemical Cycles	48		Boulder	CO	USA	ESSL	TIIMES
Retreat on Water and Biogeochemical Cycles	25	NCAR	Boulder	CO	USA	ESSL	ACD
RICO Data Workshop	100	NSF	Boulder	CO	USA	EOL	FPS
Scicomp 12	150	IBM	Boulder	CO	USA	CISL	SCD
ScicomP Conference	130	IBM	Boulder	CO	USA	CISL	SCD
Second International Symposium on Quantitative Precipitation Forecasting and Hydrology	155	WMO, WWRP	Boulder	CO	USA	ESSL	MMM
Solar Variability (SolVar) Workshop	45		Boulder	CO	USA	ESSL	ESSL
Stratospheric Temperature Trends	15	WCRP, SPARC	Boulder	CO	USA	ESSL	ACD
Summer Weather and Society * Integrated Studies (WAS*IS)	31	NSF, NOAA	Boulder	CO	USA	ISSE/RAL	ISSE/SIP
Sun/StorageTek Japan User Group	40	Sun	Boulder	CO	USA	CISL	SCD
Terrain-Induced Rotor Experiment (T-REX)/T-REX UTLS Research and Measurements	30	Vanda Grubisic	Boulder	CO	USA	ESSL	ACD
Theme-of-the-Year: Multi-scale Interactions in a GCM Grid Box: Mathematical Theory, Numerics and Parameterization	51		Boulder	CO	USA	CISL	IMAGe
Theme-of-the-Year: Multi-scale Interactions in the Tropics to Midlatitudes: Mathematical Theory, Observations and Numerical Models	30	n/a	Boulder	CO	USA	CISL	IMAGe
Theme-of-the-Year: Multi-Scale Processes for Low Frequency Variability, Climate and Climate Change Response	40	n/a	Boulder	CO	USA	CISL	IMAGe
Theme-of-the-Year: Stochastic and Statistical Parameterization of Unresolved Features in the Atmposphere and Ocean	53	n/a	Boulder	CO	UA	CISL	IMAGe

THIC - Premier Advanced Recording Technology - Forum (Merrill)	40	THIC	Boulder	CO	USA	CISL	SCD
Thompson Lecture	26	NSF	Boulder	CO	USA	ASP	SERE
TIIMES Gravity Wave Retreat	30	NCAR	Boulder	CO	USA	ESSL	HAO
TIIMES Gravity Wave Retreat	30	NSF	Boulder	CO	USA	ESSL	CGD
TIIMES Water & Biogeochemical Cycles Retreat	25	NCAR	Boulder	CO	USA	ESSL	ACD
TIIMES Weather and Climate Retreat	30	NSF	Boulder	CO	USA	ESSL	CGD
T-REX Operational Planning Meeting	30	Vanda Grubisic	Boulder	CO	USA	ESSL	ACD
T-Rex Workshop	25	Vanda Grubisic	Reno	NV	USA	ESSL	ACD
Tropical Convection & The Weather Climate Interface Retreat	42		Boulder	CO	USA	ESSL	TIIMES
Turbulence and Scalar Transport in Roughness Sublayers	50	n/a	Boulder	CO	USA	CISL	IMAGe
UNOLS Airborne Ocean Sciences Conference	24	NSF	Moss Landing	CA	USA	ESSL	ACD
Urban Regional Carbon Management (with Global Carbon Project)	100	AIMES, GCP, IHDP, IAI	Mexico City		MEX	ESSL	CGD
VII Weather Applications Workshop I	20	FHWA	Boulder	CO	USA	RAL	WSAP
VII Weather Applications Workshop II	20	FHWA	Boulder	CO	USA	RAL	WSAP
WAS*IS	35	USWRP	Boulder	CO	USA	SERE	NCAR/ISSE/SIP
Weather and Society * Integrated Studies (WAS*IS)	24	NOAA	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Weather and Society * Integrated Studies (WAS*IS)	33	University of Oklahoma; NOAA/NSSL	Norman	OK	USA	RAL/SERE	WSAP/ISSE
Weather and Society * Integrated Studies (WAS*IS)	28	NOAA	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Westnet	38	Arizona State University	Tempe	AZ	USA	CISL	SCD
Westnet	48	University of Colorado	Boulder	CO	USA	CISL	SCD
WIS-ICG	35	WMO	Boulder	CO	USA	CISL	SCD
Workshop on Advancing Microphysics in Global Models	30	NCAR	Boulder	CO	USA	ESSL	ACD
WRF-ESMF Convergence Workshop	20	NOAA, NSF	Boulder	CO	USA	CISL	SCD
WRF-ESMF Technical Workshop	25	NOAA, NSF	Boulder	CO	USA	RAL	JNT
Young Scientist Network: Urbanization interactions with biogeochemistry and climate	23	NSF	Mexico City		MEX	ESSL	CGD/TIIMES

Metrics: Education & Outreach

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NCAR-organized Symposia



There were 137 NCAR-organized Symposia Held in FY 2006 - [back to Community Service](#)

Title of Colloquium or Symposia	# of Attendees	External Sponsor(s)	City	State	Country	NCAR Lab	Group
2006 Workshop on the Solution of Partial Differential Equations on the Sphere	53	NRL	Monterey	CA	USA	ESSL	CGD
2nd International Symposium on QPF	200		Boulder	CO	USA	ESSL	TIIMES
3-D Signatures of Thermonuclear Explosions & Cosmology	40	NSF	Boulder	CO	USA	ESSL	HAO
4th Annual UCAR/NCAR Early Career Scientists Assembly (ECSA) Junior Faculty Forum on Future Scientific Directions	45		Boulder	CO	USA	ESSL	TIIMES
4-th Annual UCAR/NCAR Early Career Scientists Assembly (ECSA) Junior Faculty Forum on Future Scientific Directions	45	NCAR	Boulder	CO	USA	ESSL	ACD
4th Solar Polarization Workshop	90	NSF	Boulder	CO	USA	ESSL	HAO
A 3D simulation of an active region and its corona	35	NSF	Boulder	CO	USA	ESSL	HAO
Advance Operational Aviation Weather Systems	65	Taiwan CAA	Taipei		TWN	RAL	WSAP
Analysis of Solar Convection Flows via Photospheric Measurements and							

Simulations	28	NSF	Boulder	CO	USA	ESSL	HAO
Analysis of TEC Data from the TOPEX/Poseidon Mission	27	NSF	Boulder	CO	USA	ESSL	HAO
Art of Climate Modeling	31	NSF	Boulder	CO	USA	SERE/ESSL	ASP/CGD
ASP Colloquium: The Art of Climate Modeling	40	ASP	Boulder	CO	USA	ESSL	CGD
Asteroseismology of Sun-like Stars	25	NSF	Boulder	CO	USA	ESSL	HAO
Atmospheric changes caused by solar proton events	50	NASA Goddard Space Flight Center	Boulder	CO	USA	ESSL	ACD
Atmospheric Chemistry and Climate Organizing Committee Meeting	15	NSF, IGBP, WCRP	Boulder	CO	USA	ESSL	CGD
Atmospheric chemistry and transport modeling challenges from emerging policy concerns	50	Univ of Colorado	Boulder	CO	USA	ESSL	ACD
Atmospheric Chemistry at the Interfaces Meeting	500	IGAC	Capetown		ZAF	ESSL	ACD
Atmospheric Chemistry-Climate Interactions	75	NCAR	Boulder	CO	USA	ESSL	ACD
Atmospheric Coupling as Shown in the Stratospheric Sudden Warming	25	NSF	Boulder	CO	USA	ESSL	HAO
Building Links Between the Climate and Ecosystem Impact Research Communities	29	NSF	Boulder	CO	USA	ESSL	CGD
Carbon Data Assimilation	40	MSRI, NCAR	Berkeley	CA	USA	ESSL	CGD
Challenge of Convective Forecasting	24	NSF	Boulder	CO	USA	SERE/ESSL	ASP/MMM
Chemistry-Climate Model Validation Meeting	14	NCAR	Boulder	CO	USA	ESSL	ACD
Clarus Metadata Task Force	20	FHWA	Boulder	CO	USA	RAL	WSAP
Clarus Quality Control Task Force	15	FHWA	Boulder	CO	USA	RAL	WSAP
Climate Change	20	First Presbyterian Church	Loveland	CO	USA	ESSL	TIIMES
Climate-Chemistry Interactions	75	Cornell University	Ithaca	NY	USA	ESSL	ACD
Computing Tutorials on UNIX, NCL, and netCDF for the SOARS	20	NSF, CIRES, NOAA, and UCAR/NCAR/UOP.	Boulder	CO	USA	CISL	SCD
Creating Scientific Software: Problems and Solutions	70	UCAR	Boulder	CO	USA	CISL	SCD
CUAHSI Science Advisory Team Meeting	8	NSF/CUAHSI	Washington, D.C.	D.C.	USA	RAL	HAP
Drought/Disturbance: Joint with Global Carbon Project	75	AIMES, GCP	Canberra		AUS	ESSL	CGD
Dynamical amplification of polar warming	50	Florida State University	Boulder	CO	USA	ESSL	ACD
Earth System Grid Center for Enabling Technologies Workshop	20	DOE	Boulder	CO	USA	CISL	SCD
Earth system modeling at the MPI-M and the simulation of the QBO in MAECHAM5	50	Max Planck Inst. for Meteorology	Boulder	CO	USA	ESSL	ACD
Earth's Magnetosphere and Ionosphere	35	NSF	Boulder	CO	USA	ESSL	HAO
East Asian study of tropospheric aerosols: an international regional experiment (EAST-AIRE): an overview and preliminary results	50	Univ. of Maryland	Boulder	CO	USA	ESSL	ACD

Eclipsing Binary Stars as Astrophysical Laboratories	45	NSF	Boulder	CO	USA	ESSL	HAO
Empirically Constraining Convection using Pulsating White Dwarf Stars	30	NSF	Boulder	CO	USA	ESSL	HAO
Ensemble Filters for Geophysical Data Assimilation: A Tutorial	30	NSF	Boulder	CO	USA	ESSL	HAO
Ensemble Strategy Session at the CCS Workshop	35	NSF	Breckenridge	CO	USA	ESSL	CGD
European Geophysical Union Special Session: Ocean acidification: chemistry, paleo-analogues, response of organisms and ecosystems, and modelling	80	EGU	Vienna		AUT	SERE	ISSE
Fast Track Initiative on Ocean Acidification	50	IGBP-SCOR	Lamont-Doherty Ear th Observatory (Columbia Univ.)	NY	USA	SERE	ISSE
Florida Intelligent Transportation Society	75	Florida ITS	Orlando	FL	USA	RAL	WSAP
Flux measurements in difficult conditions	100	IGBP	Boulder	CO	USA	ESSL	CGD
Forecast Verification Using R	14	Metro State College Denver / RAL	Denver	CO	USA	RAL	WSAP
Formation and growth of atmospheric aerosols	50	University of Helsinki	Boulder	CO	USA	ESSL	ACD
FPGA and VHDL Development	16		Boulder	CO	USA	EOL	RSF
Framework for modeling organic PM formation in the atmosphere: Challenges and Successes	50	Dept. of Environ. & Biomolecular Systems, Oregon Health & Science Univ.,	Boulder	CO	USA	ESSL	ACD
Glacial/interglacial changes in the isotopes of nitrate from the GISP2 ice core	50	Univ. of Washington	Boulder	CO	USA	ESSL	ACD
Global energy circulation in the magnetosphere: A simulations perspective	35	NSF	Boulder	CO	USA	ESSL	HAO
Heating in Small Auroral Arcs	34	NSF	Boulder	CO	USA	ESSL	HAO
High Resolution Observations and Models of Solar Faculae	29	NSF	Boulder	CO	USA	ESSL	HAO
High-Order Methods in Atmospheric Modeling Applied Mathematics Seminar	50	McGill University, McGill Atmospheric Science	Montreal	QC	CAN	CISL	SCD
Improving application performance through memory access optimization	30	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
Integration factor splitting for Mesoscale and Global Models	20	University of Michigan Atmospheric Oceanic and Space Sciences, National Science Foundation	Ann Arbor	MI	USA	CISL	SCD
Integration factor splitting for nonhydrostatic Models	50	Los Alamos National Library, Department of Energy	Los Alamos	NM	USA	CISL	SCD
Inter-American Institute of	24	NSF	Boulder	CO	USA	SERE	ASP
Introduction to the Earth System Modeling Framework Tutorial	30	National Aeronautics and Space Administration	San Francisco	CA	USA	CISL	SCD
Introduction to the Earth System Modeling Framework Tutorial	30	Department of Defense	Monterey	CA	USA	CISL	SCD
Life and Death of the First Stars	28	NSF	Boulder	CO	USA	ESSL	HAO
Light Bridges, Penumbral Filaments and Overall Sunspot Structure	25	NSF	Boulder	CO	USA	ESSL	HAO
Lively Intellectual Property Issues for Software Engineers at UCAR	40	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
Long term trend and 11-year cyclic variations in mesopause		Space Physics Res. Lab.,					

temperature data observed by Michelson interferometers at Arctic and Antarctic sites	50	Embry-Riddle Aero. Univ.	Boulder	CO	USA	ESSL	ACD
Low-latitude magnetosphere-ionosphere coupling by Alfven waves	42	NSF	Boulder	CO	USA	ESSL	HAO
Magnetic Reconnection in the Solar Wind	32	NSF	Boulder	CO	USA	ESSL	HAO
Maintenance Decision Support System Stakeholder Meeting	115	FHWA	Boulder	CO	USA	RAL	WSAP
Mesospheric chemistry from TIMED and global models	12		Boulder	CO	USA	ESSL	ACD
Model-Driven Development of Dependable Software Systems: Challenges and Pitfalls	30	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
Modeling Magnetic Reconnection at Earth's Magnetopause	35	NSF	Boulder	CO	USA	ESSL	HAO
Monsoon Applications Planning Workshop	8	NOAA, UNISON, ITSON, UCAR/JOSS	Hermosillo	SON	MEX	RAL	HAP
Monsoon Region Climate Applications Workshop	30	NOAA, ITSON, CLIMAS, UNISON, UCAR/JOSS	Guaymas	SON	MEX	RAL	HAP
NAME SWG-7.5 Science Working Group Meeting	20	NOAA	State College	PA	USA	RAL	HAP
NAME SWG-8 Science Working Group Meeting	40	NOAA	Tucson	AZ	USA	RAL	HAP
NCAR ASP Convective Forecasting Colloquium	24		Boulder	CO	USA	ESSL	TIIMES
NCAR Command Language Tutorial	16	NSF	Boulder	CO	USA	ESSL	CGD
NCAR Command Language Tutorial	16	National Ocean Service	Silver Spring	MD	USA	ESSL	CGD
NCAR Command Language Tutorial	16	NSF	Boulder	CO	USA	ESSL	CGD
NCAR Command Language Tutorial	16	NSF	Boulder	CO	USA	ESSL	CGD
NCAR Early Career Scientists Assembly (ECSA) Junior Faculty Forum on Future Scientific Directions	50	NSF	Boulder	CO	USA	RAL	WSAP
NCAR's Response to the upcoming OCI Solicitation	20	NSA	Boulder	CO	USA	CISL	SCD
NOAA Summer Institute on Climate	30	NOAA	Steamboat Springs	CO	USA	ESSL	MMM
Non-kinematic flux-transport dynamo models	50	NSF	Boulder	CO	USA	ESSL	HAO
Nonstationary Covariance Modeling For Ionospheric Electrodynamics Data Assimilation	30	NSF	Boulder	CO	USA	ESSL	HAO
Observations of Relativistic Electron Energization in the Earth's Outer Van Allen Radiation Belt	25	NSF	Boulder	CO	USA	ESSL	HAO
On the atmospheric distribution of carbonyl sulfide: Can COS help constrain gross vegetative fluxes of CO2?	50	NOAA	Boulder	CO	USA	ESSL	ACD
On the use of uptake coefficients in atmospheric chemistry models	50	University of Essen, and Research Center	Boulder	CO	USA	ESSL	ACD
OS development of the Blue Gene/L	30	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
Prototype Training Workshop for Educators on the Effects of Climate Change on Seasonality and Environmental Hazards in Southeast Asia	38	Asia Pacific Network for Global Change Research, NOAA	Bangkok		THA	SERE	CCB
QPF-Hydro Symposium	147	WMO	Boulder	CO	USA	ESSL	MMM
R Tutorial	16	RAL	Boulder	CO	USA	RAL	WSAP
Radar Technology and Atmospheric Applications	100		Boulder	CO	USA	EOL	RSF
Radiative MHD Simulations of Magneto-Convection in the Solar Photosphere.	36	NSF	Boulder	CO	USA	ESSL	HAO

Resistance is Useless: Fluxon modeling of low-beta plasmas	28	NSF	Boulder	CO	USA	ESSL	HAO
Seismic Probing of Temporal Variations of the Solar Interior	45	NSF	Boulder	CO	USA	ESSL	HAO
Size matters most--The role of particle size vs. chemical composition in controlling CCN activity of marine, continental, and smoke aerosols	50	Max Planck Institute for Chemistry	Boulder	CO	USA	ESSL	ACD
Small-scale solar magnetic fields, Sunrise and solar irradiance variations	29	NSF	Boulder	CO	USA	ESSL	HAO
Software Engineering Practices at UCAR/NCAR	80	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
Software Project Team Developmen	43	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
Some aspects of dehydration in the tropical tropopause layer of a cloud-resolving model	50	Univ. of Toronto	Boulder	CO	USA	ESSL	ACD
Statistical Models of Magnetospheric Dynamics	30	NSF	Boulder	CO	USA	ESSL	HAO
Study of the Chromospheric Network Structure and its Relationship to the Magnetic Field through the Solar Atmosphere	27	NSF	Boulder	CO	USA	ESSL	HAO
Subsurface Flows and their Relation to Magnetic Activity (from Ring-Diagram Analysis of GONG and MDI Data)	27	NSF	Boulder	CO	USA	ESSL	HAO
Summer Colloquium on Climate and Health	25	NOAA, NASA	Boulder	CO	USA	SERE	ISSE
Supercomputer OS/Compiler upgrade webinar	20	NCAR	Boulder	CO	USA	CISL	SCD
Supercomputer OS/Compiler upgrade WEBINAR	20	CISL/NCAR	Boulder	CO	USA	CISL	SCD
Supercomputing at the National Center for Atmospheric Research	30	Ball Aerospace	Boulder	CO	USA	CISL	SCD
Test-Driven Development (TDD) and Agile Development	40	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
The Aura MLS instrument measures OH near 2512 GHz and HO ₂ near 660 GHz.	35	NSF	Boulder	CO	USA	ESSL	HAO
The Central Role of Magnetohydrodynamics in Black Holes Astrophysics	25	NSF	Boulder	CO	USA	ESSL	HAO
The Dragon's Tail and Darth Vader's Breath: Range-based Estimation and Better Project Planning	30	NCAR Directorate - SEA Seminar Series	Boulder	CO	USA	CISL	SCD
The Effect of IMF BY on Thermospheric Composition at High and Middle Latitudes	31	NSF	Boulder	CO	USA	ESSL	HAO
The effect of turbulent electric fields on the scattering polarization of hydrogen lines	37	NSF	Boulder	CO	USA	ESSL	HAO
The Effects of Large Scale Stellar Surface Flows on Exo-Solar Planet Detection	40	NSF	Boulder	CO	USA	ESSL	HAO
The Gravity Darkening of Vega as Measured by the CHARA Interferometric Array	30	NSF	Boulder	CO	USA	ESSL	HAO
The interplay between tropospheric transport and chemistry: concepts and applications	50	NOAA, ESRL	Boulder	CO	USA	ESSL	ACD
The mathematics of Global Ecology	30	Mathematical Biosciences Institute	Columbus	OH	USA	ESSL	CGD
The response of atmospheric chemistry and dynamics to solar cycle UV variations: Simulations with HAMMONIA	50	Max Planck Inst. for Meteorology	Boulder	CO	USA	ESSL	ACD
The Solar Oxygen Crisis	45	NSF	Boulder	CO	USA	ESSL	HAO
The structure of the sunspot penumbra	30	NSF	Boulder	CO	USA	ESSL	HAO

The transit survey TeMPeST: Results and a comprehensive statistical analysis	40	NSF	Boulder	CO	USA	ESSL	HAO
The Wind Acceleration Zones of Evolved Cool Stars	32	NSF	Boulder	CO	USA	ESSL	HAO
THORPEX AMS Town Hall Meetig	75		Atlanta	GA	USA	ESSL	TIIMES
Tropospheric ozone depletion events: What we've learned in the past decade	50	LASP, Univ. of Colorado	Boulder	CO	USA	ESSL	ACD
U.S. Air Quality, Intercontinental Transport and Global Change	75	Cornell University	Ithaca	NY	USA	ESSL	ACD
Understanding Solar Irradiance Variations using Finite Impulse Response Functions	25	NSF	Boulder	CO	USA	ESSL	HAO
Vehicle Infrastructure Integration Weather Working Group	20	FHWA	Boulder	CO	USA	RAL	WSAP
Vehicle Infrastructure Integration Weather Working Group	12	FHWA	Boulder	CO	USA	RAL	WSAP
What Observations Tell Us about Prominence Mass and Models	30	NSF	Boulder	CO	USA	ESSL	HAO
Who Cares About Flares?	30	NSF	Boulder	CO	USA	ESSL	HAO
WMO World Weather Research Program, Nowcasting Workshop for Africa	43	World Meteorological Organization	Pretoria		SAF	RAL	HAP
Workshop on Advancing Microphysics in Global Models	30	NCAR	Boulder	CO	USA	ESSL	ACD
WRF-ARW Tutorial	48		Boulder	CO	USA	ESSL	MMM
WRF-ARW Tutorial	30	Indo-US Forum, India	New Delhi		IND	ESSL	MMM
WRF-ARW Tutorial	38		Boulder	CO	USA	ESSL	MMM
WRF-ARW Tutorial	52		Boulder	CO	USA	ESSL	MMM
WRF-NMM Tutorial	36	NOAA, NSF	Boulder	CO	USA	RAL	JNT
WRF-NMM Tutorial	28	NOAA, NSF	Boulder	CO	USA	RAL	JNT

Metrics: Education & Outreach



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NCAR Field Program Participation



NCAR participated in 32 Field Programs - [back to Community Service](#)

Field Program Title	Acronym	# of participants	Sponsor(s)	Lead Organizer	City	State	Country Code	NCAR Lab	Group
ACTIVE Part 2	ACTIVE	30	NERC	UMIST	Darwin	NT	AUS	ESSL	MMM
Aerosol and chemical transport in tropical convection	ACTIVE	30	NERC	UMIST	Darwin	NT	AUS	ESSL	MMM
AIDA IN08	AIDA IN08	15	Forschungszentrum Karlsruhe		Karlsruhe		DEU	ESSL	MMM
Antarctic Tropospheric Chemical Investigation	ANTCI	3	NSF	Georgia Tech.	McMurdo Station, South Pole Station		ATA	ESSL	ACD
Boulder Fire Dept Training Facility Emissions Measurements		1	Boulder Fire Dept	Boulder Fire Dept	Boulder	CO	USA	ESSL	MMM
Chemical Emissions, Losses and transformation in canopies at Niwot Ridge	CELTIC-Niwot Ridge	15	NSF, EPA	NCAR	Niwot Ridge	CO	USA	ESSL	ACD/TIIMES
Costa Rica-Aura Validation Experiment	CRAVE	10	NASA Sub-Orbital Research	NASA	San Jose		CRI	ESSL	ACD

Cumulus Photogrammetric, In-Situ and Doppler Observations	CuPIDO	25	NSF	EOL	Tucson	AZ	USA	EOL	ISF
Driftsonde for THORPEX- AMMA	THORPEX-AMMA	18	CNES, NCAR, NOAA	NCAR	Boulder	CO	USA	ESSL	TIIMES
Drizzle and Open Cells in Marine stratocumulus	DOCIMS	5	NSF, NCAR	MMM	Boulder	CO	USA	ESSL	MMM
Intercontinental Chemical Transport Experiment	INTEX-B	30	NSF, NASA	NASA, EOL	Seattle	WA	USA	EOL	RAF
Intercontinental Chemical Transport Experiment	INTEX-B	100+	NASA	NASA	Seattle	WA	USA	ESSL	ACD/TIIMES
Intercontinental Chemical Transport Experiment-B	INTEX-B	83	NASA Tropospheric Chemistry Program	NASA	Houston, Honolulu, Anchorage	TX/HI/AK	USA	ESSL	ACD
Intercontinental Chemical Transport Experiment- B/Intercontinental and Megacity Pollution Experiment	INTEX-B/IMPEX	20	NASA, NSF	NASA	Seattle	WA	USA	ESSL	ACD
Kuroshio Extension System Study	KESS	2	NSF	University of Hawaii	R/V Melville		JPN	EOL	ISF
Megacities Impact on Regional and Global Environment	MIRAGE-Mex	300+	NSF	Sasha Madronich, NCAR	Mexico C ity	HI	MEX	ESSL	ACD/TIIMES
Megacities Impact on Regional and Global Environment/Megacity Initiative: Local and Global Research Observations	MIRAGE/MILAGRO	40	NSF, NASA, DoE	NCAR (NCAR, NASA, DOE, Mexican Government co-equal for the MILAGRO section)	Veracruz / Mexico City		MEX	ESSL	ACD
Megacities Impacts on Regional and Global Environment - Mexico	MIRAGE-MEX	5	NCAR	ATD	Mexico City		MEX	ESSL	MMM
Megacity Initiative: Local and Global Research Observations/Megacities Impact on Regional and Global Environment	MILAGRO/MIRAGE	435	NSF, NASA, DoE	EOL	Veracruz and Mexico City		MEX	EOL	FPS
NASA African Monsoon Multidisciplinary Analyses	NAMMA	75	NASA	NASA	Sal Island		CPV	ESSL	MMM
Network for the Detection of Atmospheric Composition Change	NDACC	8	NASA, NSF	NASA	Thule		GRL	ESSL	ACD
Niwot Ridge Pilot Experiment		5	NSF, NCAR, CU	EOL, CU	Niwot Rid ge	CO	USA	ESSL, EOL	MMM, EOL
Niwot Ridge VOC/Aerosol Experiment		13	EPA	NCAR	Boulder	CO	USA	ESSL	ACD
Pentagon Shield 2b	PS2b	10	Pentagon Force Protection Agency	RAL	Arlington	VA	USA	RAL	NSAP
Progressive Science		5	NSF	NCAR	Boulder	CO	USA	ESSL	MMM
Refractivity Experiment for H2O (water vapor) Research and Collaborative operational Technology Transfer	REFRACTT	20	NSF, NCAR, UCAR/COSMIC, NWS/WFO, CSU, U. of Oklahoma, U. of Massachusetts, McGill Univ., NWS/ROC, Polytechnical Institute of Catalonia, Radiometrics Corp.	RAL	Boulder	CO	USA	RAL	AAP
Refractivity Experiment for H2O Research and	REFRACTT	15	NSF, FAA, RAL	RAL	Boulder	CO	USA	EOL	RSF

Collaborative operational
Technology Transfer

Stratosphere-Troposphere

Analyses of Regional
Transport

START

15

NSF, NCAR

NCAR/ACD

Boulder

CO

USA

ESSL

ACD/MMM/TIIMES

Terrain-Induced Rotor
Experiment

TREX

125

NSF

EOL

Owens
Valley

CA

USA

EOL

FPS

Terrain-Induced Rotor
Experiment

T-REX

20

NSF

Vanda
Grubisic, DRI

Boulder/
Owens
Valley

CA

USA

ESSL

TIIMES/ACD

Texas Air Quality Study
2006

TEXAQ5

5

NOAA

NOAA

Houston

TX

USA

ESSL

ACD

THORPEX African Monsoon
Multidisciplinary Analyses

T-AMMA

25

NSF, NOAA, CNES

CNES, EOL

Niamey and Zinder

NER

EOL

ISF

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NCAR-organized Seminars



NCAR Staff Gave 1404 Scientific/Technical Presentations and 136 Non-Scientific Presentations: [Scientific & Technical](#) * [Non-Scientific](#) - [back to Community Service](#)

Scientific or Technical Presentations [\(top\)](#)

Employee Last Name	Employee First Name	Presentation Title	Audience	City	State	Country	NCAR Lab	Group
Aguilar	Theresa	Radar and Surface Measurements of Boundary Layer Convergence Zones	Oberlin College	Oberlin	OH	USA	EOL	ISF
Ahijevych	David	The Diurnal Cycle of Rainfall and the Identification of Rainfall Regimes within the North American Monsoon of NW Mexico	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Ammann	Caspar	Climate system response to the Toba mega eruption	IAVCEI, International Conference on Continental Volcanism	Guangzhou		CHN	ESSL	CGD
Ammann	Caspar	Climate system response to the Toba mega eruption	11th Annual CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Ammann	Caspar	First impressions from a coupled transient simulation of the mid- to late holocene with the NCAR CCSM3	HOLIVAR 2006, Holocene Climate Variability Program Conference	London	CO	GBR	ESSL	CGD
Ammann	Caspar	First impressions from a coupled transient simulation of the mid- to late holocene with the NCAR CCSM3	11th Annual CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Ammann	Caspar	Latest natural forcing datasets and some constraints using a coupled GCM over the past millennium	PAGES/CLIVAR Workshop	Muerren- Wengen		CHE	ESSL	CGD

Ammann	Caspar	Little ice age or climate variability of past centuries or uncertainty in external forcing an its effects on climate	CWAP Workshop	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Model and proxy data perspectives on climate of the last millennium: Statistical challenges in climate change research	American Statistical Association, Colorado/Wyoming Chapter	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Paleoclimate applications: Challenges to the Science	LASP Spectral Solar Irradiance Workshop	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Role of sun & volcanoes in climate of the late holocene	CCSM Paleoclimate Working Group Meeting, NCAR	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Stochastic simulation of volcanic forcing in future climate scenarios	EGU 2006	Vienna		AUT	ESSL	CGD
Ammann	Caspar	The Earth's climate: Natural variability and global warming	Introduction to Astronomy Class, University of Colorado	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	The search for common signatures from natural climate variations in reconstructed and simulated climate	AGU Fall Meeting	San Francisco	CA	USA	ESSL	CGD
Anderson	Jeffrey	Ensemble Data Assimilation for Space Weather Applications	HAO	Boulder	CO	USA	CISL	IMAGe
Anderson	Jeffrey	An Overview of the DART Iceland release	DART Users	Boulder	CO	USA	CISL	IMAGe
Anderson	Jeffrey	Adaptive Error Correction for Ensemble Filters	Statisticians	Boulder	CO	USA	CISL	IMAGe
Anderson	Jeffrey	Ensemble Data Assimilation: A Tutorial Introduction	University of Utah	Salt Lake City	UT	USA	CISL	IMAGe
Anderson	Jeffrey	Hierarchical Bayesian Methods for Data Assimilation	University of Colorado	Denver	CO	USA	CISL	IMAGe
Anderson	Jeffrey	Spatially Varying Adaptive Inflation for Ensemble Filters	IMAGe	Boulder	CO	USA	CISL	IMAGe
Anderson	Jeffrey	A Hierarchical Bayesian Approach for Adaptive Ensemble Filters	Workshop on Predictability, Observations and Uncertainties in the Geosciences	Tallahassee	FL	USA	CISL	IMAGe
Anderson	Jeffrey	Integrated Earth System Analysis with Ensemble Filters and Smoothers	NRC Climate Research Committee	Washington	DC	USA	CISL	IMAGe
Anderson	Jeffrey	Data Assimilation for Weather and Climate Models with Ensemble Filters	Interface 2006	Pasadena	CA	USA	CISL	IMAGe
Anderson	Jeffrey	An Ensemble Data Assimilation System for CAM	CCSM Annual Meeting	Breckenridge	CO	USA	CISL	IMAGe
Anderson	Jeffrey	Adaptive Ensemble Filter Methods for Data Assimilation	National Science Foundation	Arlington	VA	USA	CISL	IMAGe
Anderson	Rebecca	Carbon Kinetic Isotope Effects in the Gas-Phase Oxidations of Nonmethane Hydrocarbons by Hydroxyl Radicals and Chlorine Atoms	NCAR/ACD	Boulder	CO	USA	ESSL	ACD
Arblaster	Julie	An intercomparison of model-simulated historical and future changes in climate extremes.	policymakers and scientists	Melbourne		AUS	ESSL	CGD
Arblaster	Julie	Contributions of external forcings to Southern Annular Mode (SAM) changes	scientists/students	Foz do Iguacu		BRA	ESSL	CGD
Avilez	Tomas	Applications of Ab sorption Spectroscopy in REAL	NCAR	Boulder	CO	USA	EOL	RSF
Bailey	David	Investigation of a Melt Pond Parameterization for CCSM	CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Bailey	David	Sea Ice Melt Ponds	CGD Research Report	Boulder	CO	USA	ESSL	CGD
Bailey	David	Sea Ice Model Tutorial	ASP Art of Climate Modelling class	Boulder	CO	USA	ESSL	CGD
Barker	Dale	Atmospheric Data Assimilation	university	Seoul		KOR	ESSL	MMM
Barth	Mary	Chemical Species Redistribution by Deep Convection and Its Sensitivity to Different Types of Storms	7th WRF Users' Workshop	Boulder	CO	USA	ESSL	ACD
Barth	Mary	Clouds, Aerosols, The Water Cycle And Cloud Chemistry	Water-Biogeochemical Cycles TIIMES Retreat	Boulder	CO	USA	ESSL	ACD
Barth	Mary	Clouds, Aerosols, The Water Cycle And Cloud Chemistry	scientific meeting	Boulder	CO	USA	ESSL	MMM
Barth	Mary	Convective-Scale Cloud Chemistry Simulations of a Thunderstorm	Harvard Univ., Earth and Planetary Sciences Dept., Atmospheric Chemistry Group	Cambrid ge	MA	USA	ESSL	ACD
		Convective-Scale Cloud Chemistry Simulations of a	Univ. South Florida, Dept. Environmental and					

	Barth	Mary	Thunderstorm	Occupational Health, Environmental Research Interdisciplinary Colloquium	Tampa	FL	USA	ESSL	ACD
	Barth	Mary	Convective-Scale Cloud Chemistry Simulations of a Thunderstorm	university	Cambridge	MA	USA	ESSL	MMM
	Barth	Mary	Convective-Scale Cloud Chemistry Simulations of a Thunderstorm	university	Tampa	FL	USA	ESSL	MMM
	Barth	Mary	The Role of Adsorption of Gases onto Ice and Snow in Deep Convection	12th Conference on Cloud Physics	Madison	WI	USA	ESSL	ACD
	Barth	Mary	The Role of Adsorption of Gases onto Ice and Snow in Deep Convection	scientific conference	Madison	WI	USA	ESSL	MMM
	Barth	Mary	What We Can Learn from the Midlatitudes - Intercomparison Studies	SPARC/GEWEX-GCSS/IGAC Workshop: Modelling of Deep Convection and of Chemistry and their Roles in the Tropical Tropopause Layer	Victoria	BC	CAN	ESSL	ACD
	Barth	Mary	What We Can Learn from the Midlatitudes - Intercomparison Studies	scientific conference	Victoria	BC	CAN	ESSL	MMM
	Barth*	Mary	Chemical Specie s Redistribution by Deep Convection and Its Sensitivity to Different Types of Storms	scientific conference	Boulder	CO	USA	ESSL	MMM
	Bernstein	Ben	Assessment of the 11 November 2003 AIRS-II icing event by CIP.	AMS conferences	Atlanta	GA	USA	RAL	NCAR
	Bernstein	Ben	The new CIP Severity Icing Product	AMS conferences	Atlanta	GA	USA	RAL	NCAR
	Bernstein	Ben	Practical application of NASA-Langley Advanced Satellite Products to in-flight icing nowcasts.	AIAA conference	Reno	NV	USA	RAL	NCAR
	Bernstein	Ben	Icing Meteorology	Pilot and engineer training at the University of Tennessee Space Institute	Knoxville	TN	USA	RAL	AAP
	Bettge	Tom	SCD Update: Climate System Laboratory	CSL Panel	Atlanta	GA	USA	CISL	SCD
	Bettge	Tom	High Performance Computing at NCAR	SCD Users Meeting at AMS	Atlanta	GA	USA	CISL	SCD
	Bettge	Tom	High Performance Computing at NCAR - Present and Future	ARSC (Arctic Region Supercomputing Center	Fairbanks	AK	USA	CISL	SCD
	Bettge	Tom	Strategic Scientific and Computational Thrusts at NCAR	IBM	Tokyo		JPN	CISL	SCD
	Boehnert	Jennifer	Working with netCDF in ArcGIS 9.2	NCAR Staff	Boulder	CO	USA	SERE	NSAP
	Boehnert	Jennifer	Working with WRF model output in GIS	WRF Workshop	Boulder	CO	USA	SERE	NSAP
	Boehnert	Jennifer	Atmospheric Data Model	ESRI International Conference	San Diego	CA	USA	SERE	NSAP
	Boehnert	Jennifer	Working with netCDF in ArcGIS 9.2	NCAR Staff	Boulder	CO	USA	SERE	NCAR
	Boehnert	Jennifer	Working with WRF model output in GIS	WRF Workshop	Boulder	CO	USA	SERE	NCAR
	Boehnert	Jennifer	Atmospheric Data Model	ESRI International Conference	San Diego	CA	USA	SERE	NCAR
	Bonan	Gordon	An introduction to land surface models for climate models	university	Laramie	WY	USA	ESSL	CGD/TIIMES
	Bonan	Gordon	How vegetation affects weather and climate	university	Laramie	WY	USA	ESSL	TIIMES
	Bonan	Gordon	How vegetation affects weather and climate	university students	Laramie	WY	USA	ESSL	CGD
	Bonan	Gordon	Land model description	scientists	Boulder	CO	USA	ESSL	TIIMES
	Bonan	Gordon	Land model description	scientists	Boulder	CO	USA	ESSL	CGD
	Bonan	Gordon	The greening of climate models and their application to understand the role of terrestrial vegetation in the climate system	university	Laramie	WY	USA	ESSL	TIIMES
	Bonan	Gordon	The greening of climate models and their application to understand the role of terrestrial vegetation in the climate system	Students	Laramie	WY	USA	ESSL	CGD
	Bonan	Gordon	The greening of land surface models: the next generation of models and lessons learned for climate vegetation interactions	scientists	San Francisco	CA	USA	ESSL	TIIMES
			The greening of land surface models: the next generation						

Bonan	Gordon	of models and lessons learned for climate vegetation interactions	scientists	San Francisco	CA	USA	ESSL	CGD
Borrero-Santiago	Juan	Magnetic field determination with HMI	HMI/AIA Teams	Monterey	CA	USA	ESSL	HAO
Borrero-Santiago	Juan	Magnetic field determination with HMI	MPlanck Ins. Solar Syst.	Lindau		DEU	ESSL	HAO
Borrero-Santiago	Juan	Polarization calibration for HMI	HMI Team	Stanford	CA	USA	ESSL	HAO
Borrero-Santiago	Juan	The uncombed penumbra	NSO at Sac Peak	Sunspot	NM	USA	ESSL	HAO
Branstator	Grant	Determining midlatitude sensitivity to tropical heating	TIIMES Weather-Climate Retreat	Boulder	CO	USA	ESSL	CGD
Branstator	Grant	Dynamics of interannual variability applied to climate change	DOE Climate Change Prediction Program PIs	Boston	MA	USA	ESSL	CGD
Branstator	Grant	Ensemble size requirements for CCSM experiments	CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Branstator	Grant	Estimating atmospheric response using fluctuation-response methods	IMAGe Theme of the Year	Boulder	CO	USA	ESSL	CGD
Branstator	Grant	Estimating atmospheric response using fluctuation-response-based methods	American Institute of Mathematics	Palo Alto	CA	USA	ESSL	CGD
Branstator	Grant	Patterns of interannual variability in a changing climate	European Geophysical Society	Boulder	CO	USA	ESSL	CGD
Branstator	Grant	PDFs of planetary waves	IMAGe Theme of the Year	Boulder	CO	USA	ESSL	CGD
Branstator	Grant	Planetary wave interactions across scales	IMAGe Theme of the Year	Boulder	CO	USA	ESSL	CGD
Branstator	Grant	Reduced models of tropospheric planetary waves	Workshop on Mathematics and Atmosphere/Ocean Modeling	Oberwolfach	DEU	ESSL	CGD	
Branstator	Grant	The circumglobal pattern of interannual atmospheric variability	University of Washington	Seattle	WA	USA	ESSL	CGD
Branstator	Grant	The midlatitude bridge to the North Pacific	American Meteorological Society	Atlanta	GA	USA	ESSL	CGD
Brasseur	Guy	Air pollution in South America	Scientists	Paris		FRA	ESSL	ESSL
Brasseur	Guy	Creating knowledge by confronting observations and modeling: The case of the ozone research	Scientists	Gwatt		CHE	ESSL	ESSL
Brasseur	Guy	Earth system modeling	Students	Nynashamm		SWE	ESSL	ESSL
Brasseur	Guy	Earth system modeling	Scientists	Burlington	VT	USA	ESSL	ESSL
Brasseur	Guy	Impact of solar variability	Scientists	Rio de Janeiro		BRA	ESSL	ESSL
Brasseur	Guy	Model projections of future climate change	Scientists/Students	Sao Paulo		BRA	ESSL	ESSL
Brasseur	Guy	Prediction of chemical weather	Scientists	Reading		GBR	ESSL	ESSL
Bresch	James	AOAWS-ES Modeling Plans	Civil Aeronautics Administration	Taipei		TWN	ESSL	MMM
Bresch	James	Verification of Taiwan Forecasts	Scientific conference	Taipei		TWN	ESSL	MMM
Briegleb	Bruce	Delta-Eddington shortwave in CCSM sea ice model	CCSM Polar Working Group meeting	Boulder	CO	USA	ESSL	CGD
Briegleb	Bruce	Transient holocene simulation	CCSM Paleo Working Group meeting	Madison	WI	USA	ESSL	CGD
Briegleb	Bruce	Transient mid-holocene simulation	CCSM Paleo Working Group meeting	Breckenridge	CO	USA	ESSL	CGD
Brown	Dave	NetCDF,HDF,and OPeNDAP Overview	WMO (World Meterological Organization)	Tokyo		JPN	CISL	SCD
Brown	Barbara	"What are the odds? Estimating and Communicating Forecast Uncertainty" (Joint with Cindy Mueller)	RAL staff	Estes Park	CO	USA	RAL	WSAP
Brown	Barbara	"Probability forecasting" (Joint with Cindy Mueller)	JPDO Weather/Integration meeting on Probability Forecasting;	Washington	DC	USA	RAL	WSAP
Brown	Barbara	"Verification of Cloud Forecasts: Initial Thoughts"	WMO Working Group on Numerical Experimentation (WGNE)	St. Petersburg		RUS	RAL	WSAP
			WMO Working Group on Numerical Experimentation	St.				

Brown	Barbara	"Joint Working Group on Verification (JWGV)"	(WGNE)	Petersburg		RUS	RAL	WSAP
Brown	Barbara	"TIGGE Verification Thoughts"	THORPEX Interactive Grand Global Ensemble (TIGGE) Working Group	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"An approach for calibration of probabilistic forecasts with limited observational data"	AMS Annual Meeting, Aviation Weather Conference	Atlanta	GA	USA	RAL	WSAP
Brown	Barbara	"Object-based Verification of Quantitative Precipitation Forecasts"	2nd International Symposium on QPF and Hydrometeorology	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"Forecast Verification: Research Challenges"	NCAR Leadership Team	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"User-focused verification"	AMS Community Meeting	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"QPF Verification"	COMET Advanced Hydrologic Sciences course	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"User-Focused Verification"	WAS*IS Workshop	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"Quality Assessment Product Development Team" (with Jennifer Mahoney)	FAA REDAC group	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"(Probabilistic) Forecast Verification"	NCAR Junior Faculty Forum	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"Probabilistic Forecasting in Meteorology"	Joint Statistical Meetings	Seattle	WA	USA	RAL	WSAP
Brown	Barbara	"User-relevant Verification"	Workshop on North American THORPEX Societal and Economic Research and Applications	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"Verification Status for the B08 Forecast Demonstration Project"	2nd Workshop on the Beijing Olympics Forecast Demonstration Project	Boulder	CO	USA	RAL	WSAP
Brown	Barbara	"Verification of aviation weather products: Challenges and techniques"	Air Force Weather Technology Transition Conference	Omaha	NE	USA	RAL	WSAP
Bryan	George	Effects of explicit numerical diffusion in simulations of mesoscale circulations by the Advanced Research WRF Model	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Bryan	Frank	Eulerian and Lagrangian Studies of Turbulent Transport in the Global Ocean	National Center for Computational Sciences	Oak Ridge	TN	USA	ESSL	CGD
Bryan	George	Experiences at NCAR with very high resolution simulations of convection	Frontier Research Center for Global Change	Yokohama		JPN	ESSL	MMM
Bryan	George	Experiences at NCAR with very high resolution simulations of convection	Meteorological Research Institute	Tsukuba		JPN	ESSL	MMM
Bryan	Frank	Known Systematic Errors that May Contribute to Excessive Sea Ice Problems Seen in the North Atlantic Region of the FV Coupled Model Simulations	CCSM Ocean Working Group	Boulder	CO	USA	ESSL	CGD
Bryan	George	Observations of cold pools in mesoscale convective systems during BAMEX	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Bryan	George	Roll circulations in the convective region of squall lines	university	State College	PA	USA	ESSL	MMM
Bryan	George	Statistical convergence in simulated moist absolutely unstable layers	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Bryan	George	Statistical convergence in very high resolution simulations of convection	university	Tsukuba		JPN	ESSL	MMM
Bryan	George	Systematic biases in simulations of convection that use 1-4 km grid spacing	scientific conference	Bad Orb		DEU	ESSL	MMM
Bryan	George	Systematic biases in simulations of convection that use 1-4 km grid spacing	UK Met Office	Exeter		GBR	ESSL	MMM
Bryan	George	The dynamics of cold pools	university	State College	PA	USA	ESSL	MMM
Bryan	George	The representation of convective processes in NWP Models. Part I: Numerical Models	scientific colloquium	Boulder	CO	USA	ESSL	MMM
Bryan	George	The representation of convective processes in NWP Models. Part II: Resolution	scientific colloquium	Boulder	CO	USA	ESSL	MMM
Buja	Lawrence	CCSM Climate Change Working Group 2006-2012 Plans	11th Annual CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR CCSM IPCC Simulations	DOE Researchers	Oak Ridge	TN	USA	ESSL	CGD

Buja	Lawrence	NCAR Climate Modeling	Econergy	Boulder	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Community Modeling Experience	NSF Budget and Planning, UCAR F&A	Boulder	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Observation, Computational and Modeling Capabilities	World Bank	Washington	DC	USA	ESSL	CGD
Buja	Lawrence	NCAR Observational, Computational and Modeling Capabilities	VII Congreso Colombiano de Meteorologia	Bogota		COL	ESSL	CGD
Burns	Alan	Changes in solar EUV produced conductivities during geomagnetic storms: seasonal differences,	AGU	San Francisco	CA	USA	ESSL	HAO
Burns	Sean	Measurement of the diurnal cycle of temperature, humidity, wind, and carbon dioxide in a subalpine forest during the 2004 Carbon in the Mountains Experiment (CME04)	scientists	San Diego	CA	USA	ESSL	TIIMES
Burns	Alan	Summer School-Thursday lab	CISM summer school	Boston	MA	USA	ESSL	HAO
Burns	Alan	Summer School-Thursday lecture 1	CISM summer school	Boston	MA	USA	ESSL	HAO
Campos	Teresa	Chemical Transition between Stratosphere and Troposphere in the Presence of Mountain Waves	AMS 12th Mountain Meteorology Conference	Santa Fe	NM	USA	ESSL	ACD
Campos	Teresa	Investigation of Vertical Mixing during Mountain Wave Activity from Trace Gas Analysis	AMS 12th Mountain Meteorology Conference	Santa Fe	NM	USA	ESSL	ACD
Campos	Teresa	The Use of Multiple Conserved Thermodynamic and Chemical Tracers for Entrainment Analysis in Warm Cumulus Bands	AMS 12th Cloud Physics Conference	Madison	WI	USA	ESSL	ACD
Cantrell	Chris	Characterization of an improved peroxy radical CIMS instrument	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Cantrell	Chris	First look at MIRAGE peroxy radical data	ACD/NCAR	Boulder	CO	USA	ESSL	ACD
Carbone	Richard	The diurnal cycle of rainfall and the identification of rainfall regimes within the North American monsoon of NW Mexico.	scientists	Albuquerque	NM	USA	ESSL	TIIMES
Carbone	Richard	The diurnal cycle of warm season rainfall frequency over continents.	scientists	Monterey	CA	USA	ESSL	TIIMES
Caron	Julie	A Preliminary Analysis of the MJO in the NRCM	workshop	Boulder	CO	USA	ESSL	CGD/TIIMES
Casini	Roberto	Coronal magnetometry with a large-aperture telescope (ESA explatory workshop)	ESA Community	Rome		ITA	ESSL	HAO
Casini	Roberto	The effect of turbulent electric fields on the scattering polarization of hydrogen lines	NCAR	Boulder	CO	USA	ESSL	HAO
Chen	Yongsheng	Assimilating Vortex Position with an Ensemble Kalman Filter	scientific colloquium	Albuquerque	NM	USA	ESSL	MMM
Chen	Yongsheng	Initialize a hurricane vortex with an EnKF	scientific conference	Austin	TX	USA	ESSL	MMM
Chen	Yongsheng	Initialize a hurricane vortex with an EnKF	scientific conference	Monterey	CA	USA	ESSL	MMM
Chen	Yongsheng	Initialize a hurricane vortex with an EnKF	scientific conference	Boulder	CO	USA	ESSL	MMM
Chen	Fei	Land-Atmospheric Interactions Investigated Under NCAR Water Cycle Program	university	Goteborg		SWE	ESSL	TIIMES
Cheruvu	Vani	A nodal high-order spectral finite vol	Claremont	CA	USA	SERE/CISL	ASP/SCD	

Cheruvu	Vani	A nodal high-order spectral finite vol	Monterey	CA	USA	SERE/CISL	ASP/SCD
Cheruvu	Vani	MRA based limiting for discontinuos	Boston	MA	USA	SERE/CISL	ASP/SCD
Clyne	John	Desktop techniques for the exploration of terascale size, time-varying data sets	Technical	Seattle	WA	USA	CISL SCD
Clyne	John	Exploring High Resolution Numerical Turbulence Simulations	Technical	Seattle	WA	USA	CISL SCD
Clyne	John	Desktop Exploration of High Resolution Numerical Solar Turbulence	Scientific	Boulder	CO	USA	CISL SCD
Coen	Janice	Actually Doing Dynamic Data -Driven Application Simulations: The Impact of DDDAS on Wildland Fire Modeling and Fire Front Tracking	scientific conference	Copper Mountain	CO	USA	ESSL MMM
Coen	Janice	Demonstrating the Validity of a Wildfire DDDAS	scientific conference	Reading		GBR	ESSL MMM
Coen	Janice	Demonstrating the Validity of a Wildfire DDDAS	scientific conference	Petropolis		BRA	ESSL MMM
Coen	Janice	Fire-Atmosphere Interactions	scientific conference	Seattle	WA	USA	ESSL MMM
Coen	Janice	Fire-Atmosphere Interactions: Practical Safety Implication of Scientific Studies	scientific conference	Pasadena	CA	USA	ESSL MMM
Collins	Nancy	Comparisons of Approaches to using the ESMF	Society for Industrial and Applied Mathematics Conference on Parallel Processing for Scientific Computing	San Francisco	CA	USA	CISL SCD
Collins	William	An Aerosol Analysis Using NASA Aqua and Terra Satellite Observations	American Association for Aerosol Research (AAAR)	Austin	TX	USA	ESSL CGD
Collins	William	An Introduction to CCSM	Art of Climate Modeling Advanced Study Program (ASP) workshop	Boulder	CO	USA	ESSL CGD
Collins	William	An Introduction to Climate Modeling	Climate Change and Human Health Advanced Study Program (ASP) workshop	Boulder	CO	USA	ESSL CGD
Collins	William	Climate Simulation for Climate Change Studies	Workshop on Frontiers of Extreme Computing	Santa Cruz	CA	USA	ESSL CGD
Collins	William	Modeling the Changing Earth System: Prospects and Challenges	IBM System Scientific Computing User Group meeting, SCICOMP-12	Boulder	CO	USA	ESSL CGD
Collins	William	New Methods for Representing Transmission in Radiative Parameterizations	EGU General Assembly	Vienna		AUT	ESSL CGD
Collins	William	Regional Effects of Aerosol Emissions	Conference on Climate Change and Urban Areas, University College	London		GBR	ESSL CGD
Collins	William	Simulations of committed climate change and sea-level rise through 2400 A.D.	U.S. Climate Change Science Program (CCSP) Workshop, Climate Science in Support of Decision Making	Arlington	VA	USA	ESSL CGD
Collins	William	The Community Climate System Model	NRC Panel on Climate Variability and Change	Washington	DC	USA	ESSL CGD
Collins	William	The Community Climate System Model, CCSM3	Geoscience Application Requirements for Petascale Architectures (GARPA) Workshop	Arlington	VA	USA	ESSL CGD
Collins	William	The Range of Climate Forcing and Response in Global Change Projections: Problems and Prospects for the Next IPCC Assessment	School of Earth and Environment, University of Leeds	Leeds		GBR	ESSL CGD
Comeaux	Joseph	How Data in Library Holdings can be used to improve Climate Databases	86th AMS Ann Mtg, Atmospheric Science Librarians	Atlanta	GA	USA	CISL SCD
Cooley	Dan	Spatial Analysis of Return Levels for Extreme Precipitation	NSF Panel Visit	Boulder	CO	USA	CISL IMAGE
Cooley	Dan	Spatial Analysis of Return Levels for Extreme Precipitation	GSP Advisory Panel	Boulder	CO	USA	CISL IMAGE
Cooley	Dan	Statistical Analysis of Extremes Motivated by Weather and Climate Studies	Thesis Defense, CU Boulder	Boulder	CO	USA	CISL IMAGE
Cooley	Dan	Spatial Analysis of Return Levels for Extreme Precipitation	NCAR	Boulder	CO	USA	CISL IMAGE
Cooley	Dan	An Extreme Precipitation Atlas for Colorado's Front Range	National Weather Service, Hydrometeorological Design Studies Center	Fort Collins	CO	USA	CISL IMAGE
Cooley	Dan	Bayesian Modeling of Extreme Precipitation Return Levels	IMS session on Spatio Temporal Statistics, ENAR	Tampa	FL	USA	CISL IMAGE
Cooley	Dan	Bayesian Modeling of Extreme Precipitation Return Levels	IMS session on Spatio Temporal Statistics, ENAR	Tampa	FL	USA	CISL IMAGE
Cooley	Dan	Dependence and Spatial Prediction in Max-Stable Random Fields	2006 International Workshop on Applied Probability	Storrs	CT	USA	CISL IMAGE

Craig	Cheryl	Aura Data Guidelines: A Common Approach for All Instruments	Earth System Data System Working Group Meeting	Baltimore	MD	USA	ESSL	ACD
Craig	Cheryl	Aura HDF-EOS File Format Guidelines: Overview and Status	HDF Workshop	San Francisco	CA	USA	ESSL	ACD
Craig	Cheryl	HIRDLS QA Overview	HIRDLS Science Team Meeting	Oxford		GBR	ESSL	ACD
Craig	Cheryl	Level 2 Processor	HIRDLS Science Team Meeting	Oxford		GBR	ESSL	ACD
Craig	Cheryl	Level 2 Processor	HIRDLS Science Team Meeting	Boulder	CO	USA	ESSL	ACD
Craig	Cheryl	QA Tools	HIRDLS Science Team Meeting	Boulder	CO	USA	ESSL	ACD
Craig	Cheryl	Status of HDF-EOS Aura Guidelines	Aura Data System Working Group	The Hague	NLD	ESSL	ACD	
Criscuoli	Serena	A study of photometrical properties of solar magnetic features via numerical simulations	KIS Institute	Freiburg		DEU	ESSL	HAO
Criscuoli	Serena	Photometric properties of solar magnetic features	PhD Committee of other scientists	Rome		ITA	ESSL	HAO
Dai	Aiguo	Changes in Global Land Surface Moisture Conditions During 1950-2004	workshop	Canberra		AUS	ESSL	TIIMES
Dai	Aiguo	Changes in Global Land Surface Moisture Conditions During 1950-2004	Workshop on Vulnerability of the Carbon Cycle to Drought and Fire	Canberra		AUS	ESSL	CGD
Dai	Aiguo	Global Warming and Sahel Drought	scientists	Washington	DC	USA	ESSL	TIIMES
Dai	Aiguo	Global Warming and Sahel Drought	AMMA-US Workshop	Washington	DC	USA	ESSL	CGD
Dai	Aiguo	Precipitation Characteristics in Eighteen Climate Models	workshop	Boulder	CO	USA	ESSL	TIIMES
Dai	Aiguo	Precipitation Characteristics in Eighteen Climate Models	NCAR Water Cycle Retreat	Boulder	CO	USA	ESSL	CGD
Dai	Aiguo	Running the CLM in an Offline Mode	scientists	Boulder	CO	USA	ESSL	TIIMES
Dai	Aiguo	Running the CLM in an Offline Mode	CGD/CCP Group	Boulder	CO	USA	ESSL	CGD
Dai	Aiguo	Synoptic Surface Observations Available for GPS Meteorology Applications	workshop	Boulder	CO	USA	ESSL	TIIMES
Dai	Aiguo	Synoptic Surface Observations Available for GPS Meteorology Applications	GPS Meteorology Workshop	Boulder	CO	USA	ESSL	CGD
Dai	Aiguo	The Diurnal Cycle in Several High-Resolution Precipitation Datasets	scientists	Boulder	CO	USA	ESSL	TIIMES
Dai	Aiguo	The Diurnal Cycle in Several High-Resolution Precipitation Datasets	CGD Research Report	Boulder	CO	USA	ESSL	CGD
Dai	Aiguo	The Diurnal Cycle of Precipitation over the Globe: Observations vs. Model Simulations	scientists	Monterey	CA	USA	ESSL	TIIMES
Dai	Aiguo	The Diurnal Cycle of Precipitation over the Globe: Observations vs. Model Simulations	27th AMS Conf. on Hurricanes and Tropical Meteorology	Monterey	CA	USA	ESSL	CGD
Danabasoglu	Gokhan	Impacts of a parameterization of near-surface eddy fluxes in a global ocean general circulation model	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	CGD
Danabasoglu	Gokhan	Impacts of a parameterization of near-surface eddy fluxes in a global ocean general circulation model	Ocean Sciences Meeting	Honolulu	HI	USA	ESSL	CGD
Danabasoglu	Gokhan	Multi-decadal oscillations of the North Atlantic meridional overturning circulation in CCSM3	Atlantic Decadal Predictability Workshop	Princeton	NJ	USA	ESSL	CGD
Danabasoglu	Gokhan	North Atlantic MOC variability	CCSM Ocean Model Working Group Meeting	Breckenridge	CO	USA	ESSL	CGD
Danabasoglu	Gokhan	Parameterizing the Faroe Bank Channel and Denmark Strait overflows	CLIVAR Climate Process Team Workshop on Gravity Current Entrainment	Princeton	NJ	USA	ESSL	CGD
Danabasoglu	Gokhan	Remote impacts of large, positive SST biases along the eastern boundaries of subtropical gyres	CPPS Workshop on the South Pacific	Concepcion		CHL	ESSL	CGD
Danabasoglu	Gokhan	Sensitivity of an ocean general circulation model to a parameterization of near surface eddy fluxes	CCSM Ocean Working Group	Boulder	CO	USA	ESSL	CGD
Davis	Chris	Advanced Research WRF Developments for Hurricane Prediction	WRF users	Boulder	CO	USA	ESSL	MMM
Davis	Chris	BAMEX Observations of Mesoscale Convective Vortices (MCVs)	scientific conference	Albuquerque	NM	USA	ESSL	MMM

Davis	Chris	Convection Initiation During BAMEX IOP 17 (4 July)	scientific meeting	Boulder	CO	USA	ESSL	MMM
Davis	Chris	Diagnostic Verific ation of WRF Precipitation Objects	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Davis	Chris	MCVs and Rainfall Coherence	scientific meeting	Boulder	CO	USA	ESSL	MMM
Davis	Chris	Mesoscale Convective Vortices Observed During BAMEX	university	Taipei		TWN	ESSL	MMM
Davis	Chris	Mesoscale Convective Vortices Observed During BAMEX	NCAR seminar	Boulder	CO	USA	ESSL	MMM
Davis	Chris	Model Verification	Israeli Ministry of Defense	Boulder	CO	USA	ESSL	MMM
Davis	Chris	Organized Convection and Mesoscale Vortices: Observations from BAMEX (2003)	scientific conference	Vienna		AUT	ESSL	MMM
Davis	Chris	Prediction of Hurricanes Using the WRF Model	university	Taipei		TWN	ESSL	MMM
Davis	Chris	Prediction of Tropical Cyclones	scientific colloquium	Boulder	CO	USA	ESSL	MMM
Davis	Chris	Short-range Hurricane Prediction with WRF	NCAR seminar	Boulder	CO	USA	ESSL	MMM
Davis	Chris	The Research Applications Laboratory at NCAR	Scientific meeting	Boulder	CO	USA	ESSL	MMM
Davis	Chris	Tropical Transition	scientific conference	New Delhi		IND	ESSL	MMM
Davis	Chris	Tropical Transition	university	Taipei		TWN	ESSL	MMM
Davis	Chris	Tropical Transition	scientific conference	Mobile	AL	USA	ESSL	MMM
Davis	Chris	Tropical Transition: Genesis Mechanisms and Observational Needs	scientific conference	Monterey	CA	USA	ESSL	MMM
Davis	Chris	Upscale Growth of Convection and the Formation of Mesoscale Convective Vortices (MCVs)	scientific colloquium	Boulder	CO	USA	ESSL	MMM
Davis	Chris	WRF Hurricane Intensity Prediction	scientific meeting	Boulder	CO	USA	ESSL	MMM
Davis	Chris	WRF Hurricane Pr ediction	scientific conference	New Delhi		IND	ESSL	MMM
de Toma	Giuliana	Observation of coronal holes	SHINE Workshop	Midway	UT	USA	ESSL	HAO
DeLuca	Cecelia	The Earth System Modeling Framework and Earth System Curator	8th International Workshop on Next Generation Climate Models for Advanced High Performance Computing Facilities	Albuquerque	NM	USA	CISL	SCD
DeLuca	Cecelia	The Earth System Modeling Framework and Earth System Curator	Unidata Seminar Series	Boulder	CO	USA	CISL	SCD
DeLuca	Cecelia	ESMF Development Status and New Directions	5th Annual Earth System Modeling Framework Workshop	Boulder	CO	USA	CISL	SCD
DeLuca	Cecelia	The Earth System Modeling Framework and Earth System Curator	American Geophysical Union Joint Assembly	Baltimore	MD	USA	CISL	SCD
DeLuca	Cecelia	The Earth System Modeling Framework and Earth System Curator	2006 Institute of Electrical and Electronics Engineers International Geoscience and Remote Sensing Symposium	Denver	CO	USA	CISL	SCD
DeLuca	Cecelia	Coordination of Common Modeling Infrastructure	World Climate Research Program Modeling Panel Meeting	Exeter		UK	CISL	SCD
DeLuca	Cecelia	The Earth System Modeling Framework and Earth System Curator	IBM Scientific User Group (SciComp)	Boulder	CO	USA	CISL	SCD
DeLuca	Cecelia	The Earth System Modeling Framework and Earth System Curator	Research Applications Library Seminar Series	Boulder	CO	USA	CISL	SCD
DeLuca	Cecelia	ESMF Overview	CCSM Software Engineering Working Group Meeting	Boulder	CO	USA	CISL	SCD
DeLuca	Cecelia	ESMF Update	Global Organization for Earth System Science Portal Workshop	Livermore	CA	USA	CISL	SCD
DeLuca	Cecelia	Integrated Frameworks for Earth and Space Weather Simulation	Space Weather Week	Broomfield	CO	USA	CISL	SCD
DeLuca	Cecelia	ESMF Overview	WRF-ESMF Convergence Workshop	Boulder	CO	USA	CISL	SCD
Demuth	Julie	What WAS*IS Is	internal NCAR audience	Boulder	CO	USA	SERE/RAL	ISSE/SIP
Demuth	Julie	Weather and Society * Integrated Studies (WAS*IS)	American Meteorological Society annual conference attendees	Atlanta	GA	USA	SERE/RAL	ISSE/SIP

Demuth	Julie	Weather and Society * Integrated Studies (WAS*IS)	Association of American Geographers annual conference attendees	Chicago	IL	USA	SERE/RAL	ISSE/SIP
Demuth	Julie	What a Difference a Year Makes [in WAS*IS]	Natural Hazards Center annual workshop attendees	Boulder	CO	USA	SERE/RAL	ISSE/SIP
Demuth	Julie	What a Difference a Year Makes [in WAS*IS]	Societal Impacts Program advisory board members	Boulder	CO	USA	SERE/RAL	ISSE/SIP
Dennis	John	Performance Tuning of the POP2 barotropic solver	CCSM Ocean Working Group Meeting	Boulder	CO	USA	CISL	SCD
Dennis	John	Automated memory analysis: Evaluating an iterative solver in an ocean model	Society for Industrial and Applied Mathematics Conference on Parallel Processing for Scientific Computing	San Francisco	CA	USA	CISL	SCD
Dennis	John	Performance Tuning of the POP2 barotropic solver	8th Workshop on Next Generation Climate Modeling	Albuquerque	NM	USA	CISL	SCD
Dennis	John	HOMME: A High-performance scalable atmospheric modeling framework	8th Workshop on Next Generation Climate Modeling	Albuquerque	NM	USA	CISL	SCD
Dennis	John	Applying automated memory analysis to improve the iterative solver in the Parallel Ocean program	Workshop on Petascale in the Geosciences	San Diego	CA	USA	CISL	SCD
Dennis	John	Scaling CCSM to a Petascale system	CCSM Software Engineering Working Group Meeting	Breckenridge	CO	USA	CISL	SCD
Dennis	John	Improving application performance through memory access optimization	Software Engineering Assembly	Boulder	CO	USA	CISL	SCD
Dennis	John	Scaling the Parallel Ocean Program (POP) to 30,000 processors on Blue Gene/L	IBM Scientific Users Group (Scicomp12)	Boulder	CO	USA	CISL	SCD
Dennis	John	Scaling CCSM to a Petascale system	Argonne: Mathematics and Computer science Division	Chicago	IL	USA	CISL	SCD
Deser	Clara	Patterns of Climate Variability	Young Scientists	Irvine	CA	USA	ESSL	CGD
Deser	Clara	Simulation of the 1976/1977 Climate Transition over the North Pacific: Sensitivity to Tropical Forcing	American Meteorological Society Annual Meeting Participants	Atlanta	GA	USA	ESSL	CGD
Deser	Clara	Simulation of the 1976/1977 Climate Transition over the North Pacific: Sensitivity to Tropical Forcing	CGD Scientists and Technical Staff	Boulder	CO	USA	ESSL	CGD
Deser	Clara	The Role of the Extratropical Oceans in Climate Variability on Timescales of Decades to Centuries	Program Managers	Washington	DC	USA	ESSL	CGD
Deser	Clara	The Role of the Upper Ocean Mixed Layer in Extratropical Climate Variability	Graduate Students	Boulder	CO	USA	ESSL	CGD
Deser	Clara	The Transient Atmospheric Circulation Response to Arctic Sea Ice Trends	Postdocs	Steamboat Springs	CO	USA	ESSL	CGD
Deser	Clara	Towards a Metrics Implementation Plan Based on the UCAR Strategic Plan to the UCAR President's Council	NCAR Leadership Academy	Boulder	CO	USA	ESSL	CGD
DeWekker	Stephan	Linking CO2 surface fluxes to conce	Santa Fe	NM	USA	ASP/EOL	ASP/RAL	
DeWekker	Stephan	Visualizing atmospheric phenome	Santa Fe	NM	USA	ASP/EOL	ASP/RAL	
DeWekker	Stephan	A regional atmospheric continous C	Santa Fe	NM	USA	ASP/EOL	ASP/RAL	
DeWekker	Stephan	ISS observations of mountain waves	Santa Fe	NM	USA	ASP/EOL	ASP/RAL	
DeWekker	Stephan	Washoe Zephyr - A daytime downslo	Santa Fe	NM	USA	ASP/EOL	ASP/RAL	
DeWekker	Stephan	REAL: 1.5 micron wavelength scann	Nara City		JPN	ASP/EOL	ASP/RAL	
DeWekker	Stephan	Linking CO2 surface fluxes to conce	Boulder	CO	USA	ASP/EOL	ASP/RAL	
Dikpati	Mausumi	A flux-transport dynamo-based predictive model	NOAA Seminar	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Diffusion of dynamo fields into solar interior	ISSI Team	Bern		CHE	ESSL	HAO
Dikpati	Mausumi	Global MHD of the solar interior	SHINE Workshop	Midway	UT	USA	ESSL	HAO
Dikpati	Mausumi	Global solar dynamo models: Application to cyclic photospheric and nearly steady interior fields	GTP Workshop on Modeling Magnetohydrodynamic Turbulence: Application to Planetary and Stellar Dynamos	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Modeling and predicting solar cycles and deep interior magnetic fields	HAO Retreat	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Modeling 'solar climate': Predicting solar cycle amplitude and timing	ESSL's Solar Variability Workshop	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Predicting mean f eatures of upcoming solar cycles	ISSI Team	Bern		CHE	ESSL	HAO
Dikpati	Mausumi	Simulating and predicting solar cycles using a flux-transport dynamo model	Solar Variability Group Lunch Talk	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Simulating and predicting solar cycles using a flux-transport dynamo model	NCAR Director's Committee	Boulder	CO	USA	ESSL	HAO

Dikpati	Mausumi	Simulating and predicting solar cycles using a flux-transport dynamo model	ESSL Advisory Panel	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Simulating and predicting solar cycles using a flux-transport dynamo model	National Science Board	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Simulating and predicting solar cycles using a flux-transport dynamo model	IAU Symposium 233	Cairo		EGY	ESSL	HAO
Dikpati	Mausumi	Simulating and predicting solar cycles using a flux-transport dynamo model	2006 Atmospheric Neutral Density Forecast Workshop	Colorado Springs	CO	USA	ESSL	HAO
Dikpati	Mausumi	Simulating and predicting solar cycles using a flux-transport dynamo model	AAS Meeting	Calgary		CAN	ESSL	HAO
Dikpati	Mausumi	Solar cycle 24 predictions	Joint NASA/NSF/UCAR press teleconference	Boulder	CO	USA	ESSL	HAO
Dikpati	Mausumi	Solar dynamo models	CCMC Workshop	Clearwater Beach	FL	USA	ESSL	HAO
Duda	Michael	AMPS: New Products and the Antarctic IDD	scientific meeting	McMurdo Station		ATA	ESSL	MMM
Duda	Michael	Improvements to AMPS Processing for Enhanced User Support	scientific meeting	Boulder	CO	USA	ESSL	MMM
Duda	Michael	Installing and Running the WPS	Tutorial participants	Boulder	CO	USA	ESSL	MMM
Duda	Michael	Introduction to the New WRF Preprocessing System	Tutorial participants	Boulder	CO	USA	ESSL	MMM
Duda	Michael	The WRF Preprocessing System	Tutorial participants	Boulder	CO	USA	ESSL	MMM
Dudhia	Jimmy	Community NOAA Land Surface Model R & D	university	Taipei		TWN	ESSL	MMM
Dudhia	Jimmy	Numerical Simulation of Mumbai Flood on 26 July 2005 Using WRF	scientific conference	New Delhi		IND	ESSL	MMM
Dudhia	Jimmy	Numerical verification Introduction, State of the Art and Fundamental Issues	scientific conference	Cairo		EGY	ESSL	MMM
Dudhia	Jimmy	The Weather Forecast Research Model and Initial Application to Regional Climate	Max Planck Institute	Hamburg		DEU	ESSL	MMM
Dudhia	Jimmy	WRF Physics Options	scientific conference	Taipei		TWN	ESSL	MMM
Dudhia	Jimmy	WRF Physics Options	Tutorial (DTC)	Boulder	CO	USA	ESSL	MMM
Dudhia	Jimmy	WRF Physics Options	Tutorial (DTC)	Boulder	CO	USA	ESSL	MMM
Dudhia	Jimmy	WRF Version 2 Update	scientific conference	Boulder	CO	USA	ESSL	MMM
Ellis	Scott	CAPRIS Town Hall Meeting	NCAR	Boulder	CO	USA	EOL	SOARS
Fan	Yuhong	Future directions of research in C&H section	HAO scientific staff	Boulder	CO	USA	ESSL	HAO
Fan	Yuhong	HAO coronal modeling	NCAR Directorate	Boulder	CO	USA	ESSL	HAO
Fasullo	John	The Atmospheric Energy Budget in Observations	CCSM Meeting Participants	Breckenridge	CO	USA	ESSL	CGD
Fasullo	John	Warming of the Eurasian Landmass May be Making the Arabian Sea More Productive	Fall American Geophysical Union Meeting Participants	San Francisco	CA	USA	ESSL	CGD
Field	Paul	Capacitance of Snowflakes	scientific conference	Madison	WI	USA	ESSL	MMM
Field	Paul	Mid-Latitude Cyclones: Mesoscale to Microscale	NCAR seminar	Boulder	CO	USA	ESSL	MMM
Field	Paul	Mid-Latitude Cyclones: Comparing CAM to satellite observations	scientific conference	Boulder	CO	USA	ESSL	MMM
Field	Paul	Mid-Latitude Cyclones: Comparing CAM to satellite observations	scientific conference	Breckenridge AWG	CO	USA	ESSL	MMM
Flyer	Natasha	SOLVING HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS IN SPHERICAL GEOMETRY WITH RADIAL BASIS FUNCTIONS	International-scientific	Daegu		KOR	CISL	SCD
Flyer	Natasha	Transport Schemes on a Sphere Using Radial Basis Functions	International-scientific	Uppsala		SWE	CISL	SCD
Flyer	Natasha	On the nature of initial-boundary value solutions and their ramifications for high-order methods	National-scientific	Salt Lake City	UT	USA	CISL	SCD
Fournier	Aimé	Spatially global & local scale-interaction analyses for nonconforming spectral-element simulations	MHD (Magnetohydrodynamic) researchers	Boulder	CO	USA	CISL	IMAGe

Fowler	Tressa	Quality Assessment of the National Ceiling and Visibility Analysis Product	AMS attendees	Atlanta	GA	USA	RAL	WSAP
Fried	Alan	Airborne Tunable Diode Laser Measurements of CH2O	NCAR	Boulder	CO	USA	EOL	RSF
Genty	Marc	Supercomputing Systems at NCAR	SC 05 Conference	Seattle	WA	USA	CISL	SCD
Genty	Marc	NCAR/CU Blue Gene/L System Management Experiences	Blue Gene/L International Consortium Meeting	Edinburgh		GBR	CISL	SCD
Genty	Marc	Deploying Platform LSF HPC at NCAR	Platform Computing International User Group Conference	San Francisco	CA	USA	CISL	SCD
Gettelman	Andrew	An Introduction to Chemistry-Climate Modeling	UT/LS Summer School	Carsege		FRA	ESSL	ACD
Gettelman	Andrew	An Introduction to Chemistry-Climate Modeling	UT/LS Summer School	Carsege		FRA	ESSL	CGD
Gettelman	Andrew	Climate feedbacks in the tropical atmosphere using models & observations	Climate and Global Dynamics Division Seminar, NCAR	Boulder	CO	USA	ESSL	ACD
Gettelman	Andrew	Climate Feedbacks in the Tropical Atmosphere Using Models and Observations	Climate and Global Dynamics Division Seminar	Boulder	CO	USA	ESSL	CGD
Gettelman	Andrew	Critical Processes in the Tropical Tropopause Layer	SPARC/GEWEX Workshop on the Tropical Tropopause Layer	Victoria	BC	CAN	ESSL	ACD
Gettelman	Andrew	Critical Processes in the Tropical Tropopause Layer	SPARC/GEWEX Workshop on the Tropical Tropopause Layer	Victoria		CAN	ESSL	CGD
Gettelman	Andrew	Global observations of ice supersaturation and implications for cloud microphysics and chemistry	3rd International SOWER meeting	Sapporo		JPN	ESSL	ACD
Gettelman	Andrew	Global Observations of Ice Supersaturation and Implications for Cloud Microphysics and Chemistry	3rd International SOWER meeting	Sapporo		JPN	ESSL	CGD
Gettelman	Andrew	Ice Supersaturation and implications for climate and chemistry	IGAC Atmospheric Chemistry at the Interfaces Meeting	Capetown		ZAF	ESSL	ACD
Gettelman	Andrew	Ice Supersaturation and Implications for Climate and Chemistry	IGAC Atmospheric Chemistry at the Interfaces meeting	Cape Town		ZAF	ESSL	CGD
Gettelman	Andrew	Ice supersaturation in the atmosphere: observations and models	Department of Atmospheric Sciences, University of Washington	Seattle	CO	USA	ESSL	ACD
Gettelman	Andrew	Ice supersaturation in the atmosphere: observations and models	Atmospheric Chemistry Division Seminar	Boulder	CO	USA	ESSL	ACD
Gettelman	Andrew	Ice Supersaturation in the Atmosphere: Observations and Models	ACD Seminar	Boulder	CO	USA	ESSL	CGD
Gettelman	Andrew	Ice Supersaturation in the Atmosphere: Observations and Models	Department of Atmospheric Sciences, University of Washington,	Seattle	WA	USA	ESSL	CGD
Gettelman	Andrew	Satellite Data Analysis: A users perspective	UT/LS Summer Schoo	Carsege		FRA	ESSL	ACD
Gettelman	Andrew	Satellite Data Analysis: A Users' Perspective, UTLS Summer School	UT/LS Summer School	Carsege		FRA	ESSL	CGD
Gettelman	Andrew	Simulating the Tropical Tropopause Layer in Global Models	SPARC/GEWEX Workshop on the Tropical Tropopause Layer	Victoria	BC	CAN	ESSL	ACD
Gettelman	Andrew	Simulating the Tropical Tropopause Layer in Global Models	SPARC/GEWEX Workshop on the Tropical Tropopause Layer	Victoria		CAN	ESSL	CGD
Gettelman	Andrew	Stable Isotopes of Water in the TTL and Implications for Dehydration	3rd International SOWER meeting	Sapporo		JPN	ESSL	ACD
Gettelman	Andrew	Stable Isotopes of Water in the TTL and Implications for Dehydration	3rd International SOWER meeting	Sapporo		JPN	ESSL	CGD
Gettelman	Andrew	The effects of ice supersaturation in the atmosphere on climate and chemistry	NASA Aura Science Team Meeting	Boulder	CO	USA	ESSL	ACD
Gettelman	Andrew	The Effects of Ice Supersaturation in The Atmosphere on Climate and Chemistry	NASA Aura Science Team Meeting	Boulder	CO	USA	ESSL	CGD
Gettelman	Andrew	The Tropical Tropopause Layer & Transport into the Stratosphere	UTLS, UT/LS Summer Schoo	Carsege		FRA	ESSL	ACD
Gettelman	Andrew	The Tropical Tropopause Layer and Transport into the Stratosphere	UT/LS Summer School	Carsege		FRA	ESSL	CGD
Joint Program in Applied Mathematics and Earth &								

Gettelman	Andrew	The Tropical Tropopause Layer: Nexus of the atmosphere	Environmental Sciences Colloquium, Columbia University	New York	NY	USA	ESSL	ACD
Gettelman	Andrew	The Tropical Tropopause Layer: Nexus of the Atmosphere	Department of Earth Sciences	Sapporo		JPN	ESSL	ACD
Gettelman	Andrew	The Tropical Tropopause Layer: Nexus of the Atmosphere	Hokkaido University, Department of Earth Sciences	Sapporo		JPN	ESSL	CGD
Gettelman	Andrew	The Tropical Tropopause Layer: Nexus of the Atmosphere	Joint Program in Applied Mathematics and Earth and Environmental Sciences Colloquium, Columbia University	New York	NY	USA	ESSL	CGD
Gettelman	Andrew	Tropospheric humidity observations & applications to global modeling	Bureau of Meteorology Research Center	Melbourne	AUS	ESSL	ACD	
Gettelman	Andrew	Tropospheric Humidity Observations and Applications to Global Modeling	Bureau of Meteorology Research Center	Melbourne	AUS	ESSL	CGD	
Gettelman	Andrew	Tropospheric Humidity observations from AIRS and applications to climate and climate modeling	AIRS science team meeting	Pasadena	CA	USA	ESSL	ACD
Gettelman	Andrew	Tropospheric Humidity Observations from AIRS and Applications to Climate and Climate Modeling	AIRS science team meeting	Pasadena	CA	USA	ESSL	CGD
Gettelman	Andrew	Variability and Simulations of UT/LS Ozone and Water Vapor	Chemistry-Climate Model Validation Meeting	Carsege		FRA	ESSL	ACD
Gettelman	Andrew	Variability and Simulations of UTLS Ozone and Water Vapor	Chemistry-Climate Model Validation Meeting	Boulder	CO	USA	ESSL	CGD
Gettelman	Andrew	Water Water Everywhere and Not A Drop to Drink: Water and the UTLS	UTLS, UT/LS Summer Schoo	Carsege		FRA	ESSL	ACD
Gettelman	Andrew	Water, water everywhere: The importance of tropospheric humidity observations and applications to climate and global modeling	Lamont-Doherty Earth Observatory Columbia University	New York	NY	USA	ESSL	ACD
Gettelman	Andrew	Water Water Everywhere and Not a Drop to Drink: Water and the UTLS	UT/LS Summer School	Carsege		FRA	ESSL	CGD
Gettelman	Andrew	Water, Water Everywhere: The Importance of Tropospheric Humidity Observations and Applications to Climate and Global Modeling	Lamont-Doherty Earth Observatory, Columbia University	New York	NY	USA	ESSL	CGD
Ghosh	Siddhartha	Computational and I/O performance study of FV CAM in Bluegene/L and pwr5 systems	ScicomP06	Boulder	CO	USA	CISL	SCD
Ghosh	Siddhartha	AIX 5.3 Experiences at NCAR	ScicomP07	Boulder	CO	USA	CISL	SCD
Gibson	Sarah	Aim Contrast Talk	HAO retreat	Boulder	CO	USA	ESSL	HAO
Gibson	Sarah	Coronal cavities	PROM workshop	Boulder	CO	USA	ESSL	HAO
Gibson	Sarah	Filaments as flux r opes: The evidence before, during, and after eruption	SHINE	Midway	UT	USA	ESSL	HAO
Gibson	Sarah	Sigmoids and cavities	STEREO Workshop	Turtle Bay	HI	USA	ESSL	HAO
Gibson	Sarah	The emergence and evolution of twisted coronal fields: Comparing models and observations	COSPAR	Beijing		CHN	ESSL	HAO
Gibson	Sarah	Twist and flare: The role of helical magnetic fields	Boulder Solar Day	Boulder	CO	USA	ESSL	HAO
Gibson	Sarah	Twist and flare: The role of helical magnetic structures	ESSL Advisory Panel	Boulder	CO	USA	ESSL	HAO
Gibson	Sarah	Twisted magnetic flux ropes: A breeding ground for CMEs?	American Physical Society	Denver	CO	USA	ESSL	HAO
Gibson	Sarah	Twisted magnetic flux ropes: A breeding ground for CMEs?	IAU Symposium 233	Cairo		EGY	ESSL	HAO
Gilleland	Eric	Analyzing the extreme behavior of large-scale meteorological variables found to have influence on severe storms and tornadic events using global reanalysis data.	Joint Statistical Meetings (JSM) of the American Statistical Association (ASA): Statistics for an uncertain world: Meeting global challenges.	Seattle	WA	USA	RAL	WSAP
Gilleland	Eric	Analyzing seasonal to interannual extreme weather and climate variability with the extremes toolkit (extRemes). Poster session.	18th Conference on Climate Variability and Change, 86th American Meteorological Society (AMS) Annual Meeting	Atlanta	GA	USA	RAL	WSAP
Gilleland	Eric	Evaluating spatial quantitative precipitation forecasts in the form of binary images	18th Conference on Probability and Statistics in the Atmospheric Sciences, 86th American Meteorological Society (AMS) Annual Meeting	Atlanta	GA	USA	RAL	WSAP

Gilman	Peter	3D nonlinear simulations of global MHD instabilities in the solar tachocline (given for Mark Miesch)	ISSI Team	Bern	CHE	ESSL	HAO	
Gilman	Peter	A shallow water theory for the sun's active longitudes	ISSI Team	Bern	CHE	ESSL	HAO	
Gilman	Peter	From 'solar climate' to 'solar weather': Predicting 'active longitudes'	ESSL Solar Variability Workshop	Boulder	CO	USA	ESSL	HAO
Gilman	Peter	Hale prize lecture	AAS Meeting	Calgary	CAN	ESSL	HAO	
Gilman	Peter	Hale prize lecture	SPD/AAS	Durham	NH	USA	ESSL	HAO
Gilman	Peter	Hale prize lecture, with edits and postscripts	Seminar at CU	Boulder	CO	USA	ESSL	HAO
Gilman	Peter	Hale prize lecture, with edits and postscripts	NCAR	Boulder	CO	USA	ESSL	HAO
Glantz	Michael	Superstorms and Seasons of Superstorms	Japanese Bank for International Cooperation	Tokyo	JPN	SERE	CCB	
Glantz	Michael	Climate Affairs Program: Usable Science for Society	Winrock International	New Delhi	IND	SERE	CCB	
Glantz	Michael	El Niño: Spawner of Hazards	World Water Forum	Mexico City	MEX	SERE	CCB	
Glantz	Michael	Superstorms and Seasons of Superstorms	Purdue University Distinguished Lecture Series	West Lafayette	IN	USA	SERE	CCB
Glantz	Michael	Social Aspects of Climate Change	Climate Change Seminar	Denver	CO	USA	SERE	CCB
Glantz	Michael	Global Warming and Creeping Environmental Problems (3 lectures)	International Course on Environmental Change	Tokyo	JPN	SERE	CCB	
Glantz	Michael	El Niño, La Niña, and Hurricanes	International Course on Environmental Change	Tokyo	JPN	SERE	CCB	
Glantz	Michael	Ethics and Climate Change	Climate Change & Future of American West	Boulder	CO	USA	SERE	CCB
Glantz	Michael	Climate and Weather Proofing: Anatomy of a Concept	Conference on Innovations in Coping with Water and Climate Risks	Amsterdam	NLD	SERE	CCB	
Gochis	David	A Framework for Performing Landscape-Scale Modeling in NCAR Community Models	university	Breckenridge	CO	USA	ESSL/RAL	TIIMES
Gochis	David	Linking Water and Biogeochemical Cycles Across Scales	university	Boulder	CO	USA	ESSL/RAL	TIIMES
Gochis	David	Towards Landscape-scale Modeling of Coupled Land-Atmosphere Processes	university	Boulder	CO	USA	ESSL/RAL	TIIMES
Gochis	David	Recent hydrological enhancements to the Noah land surface model.	RAL Division Retreat	Estest Park	CO	USA	RAL	HAP
Gochis	David	Mechanisms for interannual variations in summer streamflow from headwater catchments in western Mexico	NOAA Climate Diagnostics and Prediction Workshop	State College	PA	USA	RAL	HAP
Gochis	David	Main results and future plans for the NERN	NOAA Climate Diagnostics and Prediction Workshop	State College	PA	USA	RAL	HAP
Gochis	David	Analysis of real-time WRF QPF during NAME 2004	NOAA Climate Diagnostics and Prediction Workshop	State College	PA	USA	RAL	HAP
Gochis	David	Towards landscape scale modeling of coupled land-atmosphere processes	NCAR Water Cycle Retreat	Boulder	CO	USA	RAL	HAP
Gochis	David	Evaluation of diurnal precipitation rates from rain gauges over western Mexico	Fall Meeting of the AGU	San Francisco	CA	USA	RAL	HAP

Gochis	David	Impact of guage-based and remotely sensed precipitation datasets on land data assimilation and quantitative precipitation forecasts	Fall Meeting of the AGU	San Francisco	CA	USA	RAL	HAP
Gochis	David	Brief rationale for landscape scale modeling. NCAR biogeosciences retreat	NCAR Biogeosciences Retreat	Boulder	CO	USA	RAL	HAP
Gochis	David	Hydrometeorological applications research during REFRACTT06	NCAR REFRACTT Project Meeting	Boulder	CO	USA	RAL	HAP
Gochis	David	A Framework for Performing Landscape-Scale Modeling in NCAR Community Models	CLM Working Group Meeting	Boulder	CO	USA	RAL	HAP
Gochis	David	Hydroclimatology of the North American Monsoon	Monsoon Region Applications Workshop	Guaymas	SON	MEX	RAL	HAP
Gochis	David	Hydroclimatic characterization of the North American Monsoon during the 2004 Enhanced Observation Period	Joint Assembly of the AGU/EGU	Baltimore	MD	USA	RAL	HAP
Gochis	David	Linking water and biogeochemical cycles across scales	TIIMES Water and Biogeosciences Retreat	Boulder	CO	USA	RAL	HAP
Gochis	David	Raingauge networks supporting North American Monsoon research	NAME Science Working Group Meeting -8	Tucson	AZ	USA	RAL	HAP
Gochis	David	Linking NAME research to hydrological applications	NAME Science Working Group Meeting -8	Tucson	AZ	USA	RAL	HAP
Gochis	David	Interannual variations in warm season streamflow in western Mexico	NAME Science Working Group Meeting -8	Tucson	AZ	USA	RAL	HAP
Gochis	David	Recent findings from the NAME Event Rain gauge Network	NAME Science Working Group Meeting -8	Tucson	AZ	USA	RAL	HAP
Gochis	David	The North American Monsoon Experiment: A multi-disciplinary study with a unifying aim	U. Nebraska Lincoln, Invited Lecture	Lincoln	NE	USA	RAL	HAP
Grabowski	Wojciech	Cloud Microphysica and Climate: Progress and Prospects	scientific conference	Ft. Collins	CO	USA	ESSL	MMM
Grabowski	Wojciech	Impact of Explicit Atmosphere-Ocean Coupling on Tropical Intraseasonal Oscillations	university	Warsaw		POL	ESSL	MMM
Grabowski	Wojciech	Impact of Explicit Atmosphere-Ocean Coupling on Tropical Intraseasonal Oscillations	scientific conference	Trieste		ITA	ESSL	MMM
Grabowski	Wojciech	Impact of Explicit Atmosphere-Ocean Coupling on Tropical Intraseasonal Oscillations	scientific conference	Monterey	CA	USA	ESSL	MMM
Grabowski	Wojciech	Indirect Impact of Atmospheric Aerosols in Idealized	scientific conference	Madison	WI	USA	ESSL	MMM

		Simulations of Convective-Radiative Quasi-Equilibrium						
Grabowski	Wojciech	Moist Processes in the Atmosphere: From Simple Concepts to Sophisticated Parameterizations	scientific conference	Boulder	CO	USA	ESSL	MMM
Grabowski	Wojciech	Shallow Convection, Cloud Microphysics and Indirect Impact of Atmospheric Aerosols	scientific meeting	Boulder	CO	USA	ESSL	MMM
Grabowski	Wojciech	Superparameterization and Mesoscale Dynamics	scientific conference	New Delhi		IND	ESSL	MMM
Grabowski	Wojciech	Superparameterization and Mesoscale Dynamics	scientific conference	Vienna		AUT	ESSL	MMM
Grabowski	Wojciech	Superparameterization Approach for Large-scale Models of Weather and Climate	Seminar at CNRM	Toulouse		FRA	ESSL	MMM
Grabowski	Wojciech	Superparameterization in a Mesoscale Model	scientific conference	Victoria		CAN	ESSL	MMM
Ha	So-Young	Using model physics and lower boundary perturbations in short-range ensemble simulations of hurricane Isabel	scientific conference	Boulder	CO	USA	ESSL	MMM
Hack	James	Exploration of Convective Parameterizations Using Single Column Models Forced by Cloud System Resolving Models	NCAR Water Cycle Retreat	Boulder	CO	USA	ESSL	CGD
Hack	James	Exploration of Physical Parameterizations Using Single Column Frameworks Forced by Cloud System Resolving Models	Department of Energy Climate Change Prediction Program (CCPP) Science Team Meeting	Cambridge	MA	USA	ESSL	CGD
Hack	James	Horizontal Resolution: What Does It Mean to Simulate Fidelity and Why?	Department of Energy Climate Change Prediction Program (CCPP) Science Team Meeting	Cambridge	MA	USA	ESSL	CGD
Hack	James	Modeling the Climate System across Scales	Colorado State University Distinguished Lecture	Fort Collins	CO	USA	ESSL	CGD
Hagan	Maura	A Global Climatology of Semidiurnal Nonmigrating Tides in MLT Winds: Results from TIMED Doppler Interferometer (TIDI)	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Hagan	Maura	Diurnal Nonmigrating Tides from TIDI Wind Measurements: Monthly Climatologies	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Hagan	Maura	PSMOS: Planetary Waves and Tides	11th Quadrennial SCOSTEP Symposium	Rio de Janeiro		BRA	ESSL	HAO
Haggerty	Julie	Characterization of Satellite-derived Cloud Products for Application in an Aircraft Icing Prediction System	International Geoscience and Remote Sensing Society Symposium	Denver	CO	USA	EOL/RAL	RAF(EOL)/AAP(RAL)
Haggerty	Julie	Integration of Advanced Satellite Cloud Products into an Icing Nowcasting System	American Meteorological Society, Satellite Meteorology and Oceanography Conference	Atlanta	CO	USA	EOL/RAL	RAF(EOL)/AAP(RAL)
Hahmann	Andrea	The Impact of Various Data Sources on Forecasting the Coastal Atmospheric Environment: The 2004 Athens Olympics	BACIMO conference	Monterey	CA	USA	RAL	NSAP
Hahmann	Andrea	High-Resolution Land Data Assimilation in a Real-Time Forecast System	AMS NWP Conference	Washington	DC	USA	RAL	NSAP
Hahmann	Andrea	Mesoscale Circulations over the Athens Metropolitan Area during the 2004 Summer Olympic Games	AMS Annual Meeting	Atlanta	GA	USA	RAL	NSAP
Hahmann	Andrea	Snow Initialization in RTFDDA	Spring ATEC IPR	Boulder	CO	USA	RAL	NSAP
Haley	Mary	PyNGL and PyNIO	Supercomputing	Seattle	WA	USA	CISL	SCD
Hall	Sam	Scanning Actinic Flux Spectroradiometers (SAFS) Measurements During MIRAGE	ACD MIRAGE Group	Boulder	CO	USA	ESSL	ACD
Hannay	Cecile	Forecast runs for the GCSS Pacific cross-section	CGD Research Report, NCAR	Boulder	CO	USA	ESSL	CGD
Hannay	Cecile	Forecast runs for the Pacific cross-section	Climate Processes Team Meeting	Princeton	NJ	USA	ESSL	CGD
Hannay	Cecile	Forecast simulations of Southeast Pacific stratocumulus with CAM3 and CAM3-UW	11th Annual CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Hannay	Cecile	Forecast simulations of the EPIC 2001 stratocumulus with CAM3 and CAM2-UW	CAPT Group, PCMDI, LLNL	Livermore	CA	USA	ESSL	CGD
Hannay	Cecile	Joint Workshop of the GCSS Boundary Layer Clouds (BLC) and Pacific Cross-Section Intercomparison (GPCI) Working Groups,	GISS	New York	NY	USA	ESSL	CGD
Herzogh	Paul	Development of FAA National Ceiling and Visibility Products: Challenges, Strategies and Progress	AMS Conference	Atlanta	GA	USA	RAL	AAP

Herzegh	Paul	The Outlook for National-Scale Ceiling and Visibility Products	FAA Workshop	Boulder	CO	USA	RAL	AAP
Herzegh	Paul	Ceiling and Visibility for the Cockpit	FAA/Industry Workshop	Boulder	CO	USA	RAL	AAP
Herzegh	Paul	Mitigating Ceiling and Visibility Impacts in the NAS	FAA Advisory Panel	Boulder	CO	USA	RAL	AAP
Herzegh	Paul	Automated Weather Products in Civil and DoD Net-Centric Operations	US Air Force Workshop	Omaha	NE	USA	RAL	AAP
Hess	Peter	MOZART training Session	Graduate students and scientists	Boulder	CO	USA	ESSL	ACD
Heymsfield	Andrew	Cirrus Cloud Properties	scientists	Bremen		DEU	ESSL	MMM
Heymsfield	Andrew	Contrail formation and properties	scientists	Boston	MA	USA	ESSL	MMM
Heymsfield	Andrew	Ice clouds in the atmosphere	scientists	Washington	DC	USA	ESSL	MMM
Heymsfield	Andrew	Measurements of Ice microphysics in NAMMA	scientists	Washington	DC	USA	ESSL	MMM
Heymsfield	Andrew	Parameterizations of ice cloud properties	scientists	Madison	WI	USA	ESSL	MMM
Heymsfield	Andrew	Properties of convectively generated ice clouds	scientists	Washington	DC	USA	ESSL	MMM
Heymsfield	Andrew	Upper tropospheric ice cloud properties	scientists	Washington	DC	USA	ESSL	MMM
Heymsfield	Andrew	Upper tropospheric water vapor	scientists	Seattle	WA	USA	ESSL	MMM
Heymsfield	Andrew	Wave cloud microphysics for ICE-L	scientists	Boulder	CO	USA	ESSL	MMM
Hibbard	Kathy	AIMES Applied Earth System Science	IGBP Officers	Boulder	CO	USA	ESSL	CGD
Hibbard	Kathy	AIMES Scientific Updates	IGBP Integrated Ecosystem Land-Atmosphere Process Study (iLEAPS) Scientific Steering Committee	Boulder	CO	USA	ESSL	CGD
Hibbard	Kathy	AIMES Scientific Updates	IGBP Global Land Project (GLP) Scientific Steering Committee	Rome		ITA	ESSL	CGD
Hibbard	Kathy	AIMES Scientific Updates	IGBP-SC Scientific Steering Committee	Pune		IND	ESSL	CGD
Hibbard	Kathy	Recent Advances Carbon Cycle to UNFCCC-SBSTA	UNFCCC-SBSTA	Bonn		DEU	ESSL	CGD
Holland	Greg	A 50-year Evolution in our Understanding of Hurricane Structure	NOAA/AOML/HRD 50th Anniversary	Miami	FL	USA	ESSL	MMM
Holland	Marika	An abrupt transition to September ice free conditions and its influence on the Arctic freshwater system	Fall AGU meeting	San Francisco	CA	USA	ESSL	CGD
Holland	Greg	Changing Characteristics of Hurricanes in a Warming World	scientific conference	London		GBR	ESSL	MMM
Holland	Marika	Freshwater integration synthesis: fitting the pieces together, the global modeling perspective	Freshwater Integration Study All-Hands Meeting	Estes Park	CO	USA	ESSL	CGD
Holland	Marika	Future abrupt transitions in the Arctic summer sea ice	Canadian CLIVAR Network meeting	Victoria		CAN	ESSL	CGD
Holland	Greg	Hurricane Research in Support of Community Needs	NSF	DC	DC	USA	ESSL	MMM
Holland	Greg	Natures Dangerous Beauties.	scientific conference	Big Sky	MO	USA	ESSL	MMM
Holland	Greg	On the Changing Characteristics of Hurricanes	university	Miami	FL	USA	ESSL	MMM
Holland	Greg	On the Record 2005 Hurricane Season	scientific conference	Monterey	CA	USA	ESSL	MMM
Holland	Greg	Predicting the Earth System across Scales	scientific conference	Trieste		ITA	ESSL	MMM
Holland	Greg	Scale Interaction Impacts on Hurricanes	university	Norman	OK	USA	ESSL	MMM
Holland	Elizabeth	The institute for integrative and multidisciplinary earth studies	University and NCAR Scientists	Boulder	CO	USA	ESSL	ACD

	Holland	Greg	The NCAR Advanced Research WRF (ARW)	NSF	DC	DC	USA	ESSL	MMM
	Holland	Marika	The ocean and abrupt sea ice transitions	CCSM Ocean Working Group	Boulder	CO	USA	ESSL	CGD
	Holland	Greg	Tropical Cyclone Changes in a Warming World,	scientific conference	Atlanta	GA	USA	ESSL	MMM
	Holland	Lacey	A comparison of the Cloud Top Height Product (CTOP) and cloud-top heights derived from satellite, rawinsonde and radar	ARAM (2006)	Atlanta	GA	USA	RAL	WSAP
	Hopson	Thomas	Verifying the Relationship betw een Ensemble Forecast Spread and Skill	Boulder	CO	USA	ASP/EOL	ASP/RAL	
	Hu	Aixue	Bering Strait's role in the thermohaline circulation response to the freshwater forcing under present day and LGM conditions	11th Annual CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
	Hu	Aixue	Thermohaline circulation response to the fresh water hosing in the North Atlantic in CCSM2 and CCSM3 under present-day and LBM conditions	CCSM Polar Climate and Climate Variability Working Group Joint Meeting	Boulder	CO	USA	ESSL	CGD
	Huang	Wei	LSF for Bluevista Users	NCAR supercomputer users	Boulder	CO	USA	CISL	SCD
	Huang	Wei	A Tutorial Introduction to Fortran	SOARS proteges	Boulder	CO	USA	CISL	SCD
	Huang	Wei	Learn IDL	SOARS proteges	Boulder	CO	USA	CISL	SCD
	Huang	Wei	User Vijayant Program performance on Bluesky	HSS	Boulder	CO	USA	CISL	SCD
	Huang	Xiang-Yu	Preliminary Results of WRF-4D-Var	scientific conference	Boulder	CO	USA	ESSL	MMM
	Hurrell	James	Atlantic Climate Variability and Predictability	International CLIVAR Atlantic Implementation Panel	Venice		ITA	ESSL	CGD
	Hurrell	James	Climate and Ecosystem Impact Research	GLOBEC Synthesis Workshop	Berlin		DEU	ESSL	CGD
	Hurrell	James	Connecting Communities: Climate and Ecosystem Impact Research	AIMES Scientific Steering Committee Meeting	Loveland	CO	USA	ESSL	CGD
	Hurrell	James	Seamless Modeling and Prediction	US CCSP Interagency Modeling Working Group	Washington	DC	USA	ESSL	CGD
	Hurrell	James	Seamless Prediction	CCSM Advisory Board Meeting	Washington	DC	USA	ESSL	CGD
	Hurrell	James	The Community Climate System Model: An Overview	Briefing at NSF	Washington	DC	USA	ESSL	CGD
	Hurrell	James	The Community Climate System Model: An Overview. Climate and Ecosystem Community Planning Meeting	Climate and Ecosystem Community Planning Meeting	Boulder	CO	USA	ESSL	CGD
	Hurrell	James	The Great 20th Century Drying of Africa	CGD Seminar Series	Boulder	CO	USA	ESSL	CGD
	Hurrell	James	The Great 20th Century Drying of Africa	Department of Earth and Atmospheric Sciences, Purdue University	West Lafay ette	IN	USA	ESSL	CGD
	Hurrell	James	The Great 20th Century Drying of Africa	8 th International Conference on Southern Hemisphere Meteorology and Oceanography	Foz do Iguacu	BRA	ESSL	CGD	
	Hurrell	James	The Great 20th Century Drying of Africa	Sixth Atmospheric Sciences Symposium	Berkeley	CA	USA	ESSL	CGD
	Hurrell	James	Trends in the Climate Forcings of the Northern Seas	ASOF Science Conference	Torshavn		FRO	ESSL	CGD
	Hurrell	James	US CLIVAR: Goals and Accomplishments	International CLIVAR Atlantic Implementation Panel	Venice		ITA	ESSL	CGD
	Jablonowski	Christiane	Adaptive Grids for Future and Climat	Seattle	WA	USA	ASP/CISL	ASP/SCD	
	Jablonowski	Christiane	Parallel Computing 101	Seattle	WA	USA	ASP/CISL	ASP/SCD	
	Jablonowski	Christiane	Computing Workshop for User's of NC	Boulder	CO	USA	ASP/CISL	ASP/SCD	
	Jensen	Jorgen	Giant Aerosol me asurements in AIRS-2	Fourth European Conference on Radar in Meteorology and Hydrology (ERAD 2006)	Barcelona		ESP	EOL	RSF
	Jochum	Markus	Internal variability of tropical Atlantic SST	TACE Workshop	Venice		ITA	ESSL	CGD
	Jochum	Markus	Temperature advection by Tropical Instability Waves	Courant Institute	New York	NY	USA	ESSL	CGD
	Jochum	Markus	Temperature advection by Tropical Instability Waves	Ocean Sciences meeting	Honolulu	HI	USA	ESSL	CGD
	Jochum	Markus	The rediscovery of the Atlantic Northern NECC	TACE Workshop	Venice		ITA	ESSL	CGD

Jochum	Markus	Tropical Instability Waves as an example of multiscale interaction	IMAGE	Boulder	CO	USA	ESSL	CGD
Karl	Thomas	PTR-MS measurements during INTEX-B	scientists	Seattle	WA	USA	ESSL	TIIMES
Kasahara	Akira	Research on gravity and inerital waves: Recollections of David Houghton at NCAR, 1968-1968	University of Wisconsin-Madison	Madison	WI	USA	ESSL	CGD
Kasahara	Akira	Understanding the physics behind the "traditional approximation"	CGD Seminar Series	Boulder	CO	USA	ESSL	CGD
Kasahara	Akira	Understanding the physics behind the "traditional approximation"	Frontier Research Center for Global Change	Yokohama	JAP	ESSL	CGD	
Keith	Goodman	Observations and Assessment of Outer Rainband Tornadoes Spawned by Hurrican Katrina	American Geophy sical Union	San Francisco	CA	USA	EOL	TDF
Kellie	Al	NCAR Data Center Plans	ENES Meeting	Vienna		AUT	CISL	SCD
Kellie	Al	CISL Plans	EMC Group	San Jose	CA	USA	CISL	SCD
Kellie	Al	NCAR Pilot Projects	WMO	London		GBR	CISL	SCD
Kelman	Ilan	Unique Island Livelihoods	Twillingate	Newfoundla nd	CAN	SERE	ASP/CCB	
Kessinger	Cathy	"Improvements in RPG Clutter/Precipitation Discrimination for the WSR-88D"	Scientists and Engineers	Albuquerque	NM	USA	EOL	AAP
Kessinger	Cathy	"Update on Various Radar Echo Classifier Things"	Scientists and Engineers	Norman	OK	USA	EOL	AAP
Kessinger	Cathy	"An Overview of Oceanic Weather"	Scientists and Engineers	Boulder	CO	USA	RAL	AAP
Kessinger	Cathy	"An Overview of Oceanic Weather"	Scientists and Engineers	Boulder	CO	USA	RAL	AAP
Kessinger	Cathy	"The FAA AWRP Oceanic Weather Product Development Team"	Scientists and Engineers	Atlanta	GA	USA	RAL	AAP
Kessinger	Cathy	"Oceanic Diagnosis and Nowcasting/Forecasting, NASA CAN Project"	Scientists and Engineers	Boulder	CO	USA	RAL	AAP
Kessinger	Cathy	"Updates on Various Radar Echo Classifier Items"	Scientists and Engineers	Boulder	CO	USA	EOL	AAP
Kessinger	Cathy	"Oceanic Weather and Volcanic Ash"	Aviation Community	Boulder	CO	USA	RAL	AAP
Kessinger	Cathy	"Oceanic Weather and Volcanic Ash"	Aviation Community	Boulder	CO	USA	RAL	AAP
Kiehl	Jeffrey	Climate simulation of the latest permian	CCSM Paleoclimate Working Group, NCAR	Boulder	CO	USA	ESSL	CGD
Kiehl	Jeffrey	Global warming and mass extinctions	NCAR Directors	Boulder	CO	USA	ESSL	CGD
Kiehl	Jeffrey	Intermodel climate sensitivity	DOE CCPP Science Team Mtg.	Cambridge	MA	USA	ESSL	CGD
Kiehl	Jeffrey	The philosophy of climate modeling	ASP Students, NCAR	Boulder	CO	USA	ESSL	CGD
Kiehl	Jeffrey	Update on permian solutions	11th Annual CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Kiehl	Jeffrey	Values and the environment	NCAR Advisory Panel	Boulder	CO	USA	ESSL	CGD
Kiehl	Jeffrey	Valuing Nature	ISSE Staff, NCAR	Boulder	CO	USA	ESSL	CGD
Kiehl	Jeffrey	Visible & Invisible	Aspen Global Change Institute	Aspen	CO	USA	ESSL	CGD
Killeen	Timothy	A Global Climatology of Semidiurnal Nonmigrating Tides in MLT Winds: Results from TIMED Doppler Interferometer (TIDI)	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO

Killeen	Timothy	Diurnal Nonmigrating Tides from TIDI Wind Measurements: Monthly Climatologies	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Killeen	Timothy	Diurnal Nonmigrating Tides from TIDI Wind Measurements: Monthly Climatologies	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Killeen	Timothy	Gravity Wave Influence on the Global Structure of the Diurnal Tide in the Mesosphere and Lower Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Killeen	Timothy	High Latitude Thermospheric Winds: A Multi-Year Study	The International Space Weather Conference	Macau		CHN	ESSL	HAO
Killeen	Timothy	High Latitude Thermospheric Winds: A Multi-Year Study	AGU Western Pacific Geophysics Meeting	Beijing		CHN	ESSL	HAO
Killeen	Timothy	Long Term Observations of the Low Latitude (1,1) Diurnal Migrating Tide from WINDII, HRDI, and TIDI	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Killeen	Timothy	Measurements of the O2(0-0) Atmospheric Band Nightglow Emission by TIMED Doppler Interferometer (TIDI) between 2003-2005	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Killeen	Timothy	Mesosphere and Lower Thermosphere Winds from Space: A Decade and a Half of Observations	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Killeen	Timothy	The Climatology of Neutral Winds in the MLT Region as Observed from Orbit	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Killeen	Timothy	The Mesospheric Wind Field as Measured by TIMED/TIDI and UARS/HRDI from 2002 to 2005	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Killeen	Timothy	The Nightglow Measurements of the O2(0,0) Atmospheric Band by TIMED Doppler Interferometer (TIDI)	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Killeen	Timothy	TIDI Broadband Neutral Wind Data and Comparison with Ground Based Radar Neutral Wind Measurements from Different Latitude	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Killeen	Timothy	TIMED Doppler Interferometer (TIDI) Neutral Wind Multi-Year Tidal Analysis and Comparison with TIMEGCM Results	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Killeen	Timothy	Winds in the The rmosphere,	AGU	San Francisco	CA	USA	ESSL	HAO
Killeen	Timothy	"UCAR Members Meeting"	UCAR BOT	Boulder	CO	USA	NCAR Directorate	NCAR
Killeen	Timothy	"Cyberinfrastructure and Earth System Science"	BIRN All Hands Meeting	San Diego	CA	USA	NCAR Directorate	NCAR
Killeen	Timothy	"Winds in the Thermosphere"	AGU	San Francisco	CA	USA	NCAR Directorate	NCAR
Killeen	Timothy	"Integrated Frameworks for Earth and Space Weather Simulation"	AMS	Atlanta	GA	USA	NCAR Directorate	NCAR
Killeen	Timothy	"Aspects of the Progress and Challenges in Thermosphere/Ionosphere Science"	SCOSTEP	Rio de Janeiro		BRA	NCAR Directorate	NCAR
Killeen	Timothy	Recent Modeling Results from NCAR	US-UK Climate Change Conference	London		UK	NCAR Directorate	NCAR
Killeen	Timothy	BOT Meeting	UCAR BOT	Washington	DC	USA	NCAR Directorate	NCAR
Killeen	Timothy	"NCAR/UCAR Overview"	Jeff Nesbit	Boulder	CO	USA	NCAR Directorate	NCAR
Killeen	Timothy	"Toward Petascale Research in the Geosciences"	Geosciences Workshop	Boulder	CO	USA	NCAR Directorate	NCAR
Klemp	Joseph	Advances in the WRF Model for Convection-Resolving Forecasting,	scientific conference	Rithymna Beach		GRC	ESSL	MMM
Klemp	Joseph	Convection Resolving Forasting in WRF	scientific conference	Taipei		TWN	ESSL	MMM
Klemp	Joseph	Convection Resolving Forecasting in the WRF model	scientific conference	Hangzhou		CHN	ESSL	MMM
Klemp	Joseph	Convection-resolving forecasting with the WRF Model	scientific conference	Seoul		KOR	ESSL	MMM
Klemp	Joseph	Convection-Resolving Forecasting with WRF	scientific conference	Bad Orb		DEU	ESSL	MMM
Klemp	Joseph	Dynamics and Numerics of the WRF Model	scientific conference	Beijing		CHN	ESSL	MMM
Klemp	Joseph	Overview and Dynamics of the WRF Modeling System	scientific conference	Taipei		TWN	ESSL	MMM
Klemp	Joseph	Overview and Status of the WRF Development	scientific conference	Beijing		CHN	ESSL	MMM

Klomp	Joseph	Overview of the WRF model and its Status	scientific conference	Hangzhou	CHN	ESSL	MMM
Kleypas	Joan	Coral reefs and climate change – chemistry, heat and hope	university	Montreal	CAN	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	Future research on the effects of ocean acidification on marine calcifiers – A guide	Scientists and Engineers	Vienna	AUS	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	Future research on the effects of ocean acidification on marine calcifiers – A guide	Scientists and Engineers	Woods Hole	MA USA	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	Predictions of climate change in the tropical oceans, and how that should shape our conservation efforts.	Scientists and Engineers	London	UK	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	The ocean thermostat and its potential role in future temperature effects on coral reefs	scientists	Nice	FRA	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	Future research on the effects of ocean acidification on marine calcifiers – A guide	Scientists and Engineers	Woods Hole	MA USA	SERE	ISSE
Knierve	Jason	Lake-effect precipitation from the Great Salt Lake	Forecasters from Army Test and Evaluation Command	Boulder	CO USA	RAL	NSAP
Knierve	Jason	The North American Monsoon and flash floods	Forecasters from Army Test and Evaluation Command	Boulder	CO USA	RAL	NSAP
Knierve	Jason	Numerical weather prediction (NWP) and the WRF Model	Forecasters from Army Test and Evaluation Command	Boulder	CO USA	RAL	NSAP
Knierve	Jason	Evaluation of the Weather Research and Forecasting (WRF) Model as applied at the Army Test Ranges	Conference on Battlespace Atmospheric and Cloud Impacts on Military Operations	Monterey	CA USA	RAL	NSAP
Knutti	Reto	Bipolar seesaw concepts	Universite Catholique de Louvain	Louvain la Neuve	BEL	ESSL	CGD
Knutti	Reto	Climate models and uncertainties	NCAR	Boulder	CO USA	ESSL	CGD
Knutti	Reto	Constraints on climate sensitivity from the observed seasonal cycle	AGU Fall Meeting	San Francisco	CA USA	ESSL	CGD
Knutti	Reto	Constraints on climate sensitivity from the observed seasonal cycle	EGU 2006	Vienna	AUT	ESSL	CGD
Knutti	Reto	Earth system models of intermediate complexity	NCAR	Boulder	CO USA	ESSL	CGD
Knutti	Reto	Earth system models: From process studies of past climate variations to predictions of future global change	Oxford University	Oxford	GBR	ESSL	CGD
Knutti	Reto	How useful is a multi model average?	NCAR	Boulder	CO USA	ESSL	CGD
Knutti	Reto	Radiative forcing, climate sensitivity, ocean heat uptake and commitment warming	University of Colorado	Boulder	CO USA	ESSL	CGD
Knutti	Reto	The role of climate models in IPCC	NCAR	Boulder	CO USA	ESSL	CGD
Knutti	Reto	Uncertainties in projections of future climate	Universite Catholique de Louvain	Louvain la Neuve	BEL	ESSL	CGD
Knutti	Reto	Uncertainties in projections of future climate	University of Colorado	Boulder	CO USA	ESSL	CGD
Knutti	Reto	Uncertainties in projections of future climate	University of Washington	Seattle	WA USA	ESSL	CGD
Knutti	Reto	Uncertainties in projections of future climate	NCAR	Boulder	CO USA	ESSL	CGD
Knutti	Reto	Uncertainties in projections of future climate	NCAR	Boulder	CO USA	ESSL	CGD
Knutti	Reto	Uncertainties in projections of future climate	ETH, Zurich	Zurich	CHE	ESSL	CGD
Kuo	Ying-Hwa	Applications of GPS radio occultation to weather and climate	Korea Meteorological Administration	Seoul	KOR	ESSL	MMM
Kuo	Ying-Hwa	Assimilation of Doppler radar and ground-based GPS data for short-range prediction	National Science Council,	Taipei	TWN	ESSL	MMM
Kuo	Ying-Hwa	Assimilation of GPS radio occultation for typhoon prediction	Central Weather Bureau	Taipei	TWN	ESSL	MMM
Kuo	Ying-Hwa	Bureau: Numerical simulation of the 7.10 Beijing Flood	Beijing Meteorological Bureau	Beijing	CHN	ESSL	MMM
Kuo	Ying-Hwa	Mesoscale Numerical Weather prediction	Shanghai Meteorological Bureau	Shanghai	CHN	ESSL	MMM
Kwon	Young-Oh	North Pacific Decadal Variability in CCSM2 Control Integration	CGD Scientists	Boulder	CO USA	ESSL	CGD

Kwon	Young-Oh	North Pacific Decadal Variability in CCSM2 Control Integration	Oceanographers	Woods Hole	MA	USA	ESSL	CGD
Kwon	Young-Oh	North Pacific Decadal Variability in CCSM2 Control Integration	Oceanographers	Honolulu	HI	USA	ESSL	CGD
Laing	Arlene	A Comparison of the tropical disturbances that spawned Hurricanes Dennis, Emily and Katrina	scientific conference	Monterey	CA	USA	ESSL	MMM
Laing	Arlene	A Satellite-based climatology of convective precipitation episodes over Africa	scientific conference	Atlanta	GA	USA	ESSL	MMM
Laing	Arlene	A Satellite-based examination of tropical cyclogenesis in the Atlantic during June and July 2005	scientific conference	Atlanta	GA	USA	ESSL	MMM
Laing	Arlene	Convective Precipitation Climatology for Africa	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Laing	Arlene	Predicting Tephra Dispersion with a Mesoscale Atmospheric Model and a Partical Fall Model: Application to Cerro Negro Volcano	university	Houghton	MI	USA	ESSL	MMM
Laing	Arlene	Tephra Dispersion Modeling using MM5: Example from Cerro Negro Volcano, Nicaragua	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Laing	Arlene	The Diurnal Cycle and Propagation of deep Convective Clouds in Africa	scientific conference	Monterey	CA	USA	ESSL	MMM
Laing	Arlene	The Diurnal Cycle and Propagation of Precipitating Convection in Africa	scientific conference	Dakar		SEN	ESSL	MMM
Laing	Arlene	The Diurnal Cycles and Propagation of deep Convection in Africa	scientific symposium	Boulder	CO	USA	ESSL	MMM
Lamprey	Benjamin	Impacts of agriculture and urbanizat	Trieste		ITA	ASP/EOL	ASP/RAL	
Large	William	Observational Evidence of Winter Spice Injection	US CLIVAR Salinity and Aquarius Workshop	Falmouth	MA	USA	ESSL	CGD
Large	William	Remote connections with the south-east Pacific Ocean	UCLA	Los Angeles	CA	USA	ESSL	CGD
Latham	John	Amelioration of Global Warming	Naropa Students	Boulder	CO	USA	ESSL	MMM
Lawrence	David	A projection of severe degradation of near-surface permafrost during the 21st Century in CCSM3	CCSM Polar Climate Working Group Mtg., NCAR	Boulder	CO	USA	ESSL	CGD
Lawrence	David	A projection of severe degradation of near-surface permafrost during the 21st Century in CCSM3	CCSM Land Model Working Group, NCAR	Boulder	CO	USA	ESSL	CGD
Lawrence	David	A projection of severe degradation of near-surface permafrost during the 21st Century in CCSM3	CGD Seminar Series, NCAR	Boulder	CO	USA	ESSL	CGD
Lawrence	David	A projection of severe degradation of near-surface permafrost: Potential Feedbacks on Global Climate	Capitol Hill Briefing, American Meteorological Society's Environmental Science Seminar Series	Washington	DC	USA	ESSL	CGD
Lawrence	David	A projection of severe degradation of near-surface permafrost: Potential Feedbacks on Global Climate	INSTAAR Departmental Seminar	Boulder	CO	USA	ESSL	CGD
Lawrence	David	A projection of severe degradation of near-surface permafrost: Potential Feedbacks on Global Climate	17th Global Warming Conference and Expo	Miami	FL	USA	ESSL	CGD
Lawrence	David	A projection of severe degradation of near-surface permafrost: Potential Feedbacks on Global Climate	1st Asian Conference on Permafrost	Lanzhou		CHN	ESSL	CGD
Lawrence	David	Global specification of thermal and hydrologic properties of organic soil in CLM	11th Annual CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Lawrence	David	Improvements to CLM3 Partitioning of Evaporation and Hydrology: Impacts on Climate	Water Cycle Program Retreat, NCAR	Boulder	CO	USA	ESSL	CGD
Lawrence	David	Land-atmosphere coupling and the diurnal cycle in two GCMs	Water Cycle Program Retreat, NCAR	Boulder	CO	USA	ESSL	CGD
Lawrence	David	Permafrost and climate change feedbacks	Stanford EE Computer Science Colloquium	Stanford	CA	USA	ESSL	CGD
Lawrence	David	Permafrost and climate change feedbacks	Denver LoDo Rotary Club	Denver	CO	USA	ESSL	CGD
Lawrence	David	Projections of severe degradation of near-surface permafrost during the 21st century in CCSM3	AGU Fall Meeting	San Francisco	CA	USA	ESSL	CGD
Lawrence	David	The influence of the diurnal cycle on the soil moisture - precipitation feedback	ILEAPS	Boulder	CO	USA	ESSL	CGD
		Understanding and predicting high-latitude climate change						

Lawrence	David	feedbacks using Earth System Models	IGBP Symposium	Boulder	CO	USA	ESSL	CGD
Lazo	Jeffrey	What Are Weather Forecasts Worth? Stated Preference Approaches to Valuing Information	Canadian Society for Ecological Economics	Toronto		CAN	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Survey Research Methods	WAS*IS Workshop	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Some Economics to Make a Wiser WAS*ISer	WAS*IS Workshop	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Overall U.S. Economic Sensitivity to Weather	AMS User Forum	Atlanta	GA	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Overall U.S. Economic Sensitivity to Weather	AMS Policy Forum	Atlanta	GA	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Hurricane Forecast Socio-Economic Working Group: Social Science Research Agenda on the Hurricane Forecast and Warning System	Hurricane Intensity Working Group	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Societal and Economic Research and Applications (SERA) WG	THORPEX Executive Committee	Reading		GBR	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Overall US Sector Sensitivity Assessment Evaluation of the Sensitivity of U.S. Economic Sectors to Weather Variability	Economcis Department	Albuquerque	NM	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Societal Impacts and Economic Benefits of Weather Information (Collaborative Program)	Taskforce on Public Weather Services	Geneva		CHE	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	THORPEX Societal and Economic Research and Applications: Overview and Example	CMOS	Toronto		CAN	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Toward a Social Science Research Agenda on Hurricane Forecast and Warning Issues	2nd Annual AMS Weather and Climate Enterprise Summer Community Meeting	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Survey Research Methods	WAS*IS Workshop	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Some Economics to Make a Wiser WAS*ISer	WAS*IS Workshop	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Overall US Sector Sensitivity Assessment Evaluation of the Sensitivity of U.S. Economic Sectors to Weather Variability	NOAA Labs	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Economics of Weather Impacts and Weather Forecasting	Beijing Meteorological Bureau	Beijing		CHN	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Social Sciences and Weather Forecasts	Beijing Meteorological Bureau	Beijing		CHN	RAL/SERE	WSAP/ISSE
Lenschow	Donald	Canopy Horizontal Array Turbulence Study	NCAR seminar	Boulder	CO	USA	ESSL	MMM
Lenschow	Donald	Mesoscale contributions to eddy flux measurements from aircraft: What are the observational limits?	scientific conference	Atlanta	GA	USA	ESSL	MMM
Lenschow	Donald	Stratus off the West Coast? Does anyone care?	NCAR seminar	Boulder	CO	USA	ESSL	MMM
Levis	Samuel	Community Land Model Tutorial, Art of Climate Modeling Workshop	scientists	Boulder	CO	USA	ESSL	CGD/TIIMES
Levis	Samuel	Modeling Shrubs in the CLM	scientists	Boulder	CO	USA	ESSL	CGD
Levis	Samuel	Modeling shrubs i n the CLM, Land Model Working Group Meeting	scientists	Boulder	CO	USA	ESSL	CGDTIIMES
Levis	Samuel	The Dynamic Glo bal Vegetation Model in the CCSM3	university	S. Exeter		GBR	ESSL	TIIMES
Lindsay	Keith	Update on coupled runds with biogeochemistry in CCSM3	CCSM Biogeochemistry working group	Boulder	CO	USA	ESSL	CGD
Lindsay	Keith	Update on ocean ecosystem runs at 1° resolution	CCSM Biogeochemistry working group	Breckenridge	CO	USA	ESSL	CGD
Lindsay	Keith	Update on T31 coupled runs with biogeochemistry in CCSM3	CCSM Biogeochemistry working group	Breckenridge	CO	USA	ESSL	CGD
Liu	Hanli	Atmospheric Coupling as Shown in the Stratospheric Sudden Warming	3rd IAGA/ICMA Workshop on Vertical Coupling in the Atmosphere/ Ionosphere System	Varna		BGR	ESSL	HAO
Liu	Hanli	Atmospheric Coupling as Shown in the Stratospheric Sudden Warming	AGU Western Pacific Geophysics Meeting	Beijing		CHN	ESSL	HAO
Liu	Hanli	Atmospheric Coupling as Shown in the Stratospheric Sudden Warming	HAO Seminar	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Chaotic Divergence in a Whole Atmosphere Climate Model	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO

Liu	Hanli	Gravity Waves Across Spheres: Study of Lower/Upper Atmosphere Coupling at NCAR	NSF Presentation	Arlington	VA	USA	ESSL	HAO
Liu	Changhai	Precipitation Diurnal variations and propagating organized convection	Wuhan Heavy Rain Institute	Wuham	Hubei	CHN	ESSL	MMM
Liu	Changhai	Precipitation Diurnal Variations and Propagating Organized Convection	university	Wuhan	HUBEI	CHN	ESSL	TIIMES
Liu	Zhiquan	Radieance Assimilation in WRF-Var: Implementation and Initial Results	scientific conference	Boulder	CO	USA	ESSL	MMM
Liu	Changhai	Sensitivity of warm season convection to cloud microphysics parameterizations in explicit simulations and comparison to cumulus parameterization sensitivity	Scientific conference	Boulder	CO	USA	ESSL	MMM
Liu	Changhai	Senslitivity of Warm-Season Convection to Cloud Microphysics Parameterizations in Explicit Simulations and Comparison to Cumulus Parameterization Sensitivity	scientists	Boulder	CO	USA	ESSL	TIIMES
Liu	Changhai	Some Observed features of warm season rainfall over the Tibetan plateau and bay of Bengal and simulated diurnal circulations in the lee of the Rockies	scientific conference	Boulder	CO	USA	ESSL	MMM
Liu	Changhai	Some Observed Features of Warm-Season Rainfall over the Tibetan Plateau and Bay of Bengal and Simulated Diurnal Circulations in the Lee of the Rockies	scientists	Boulder	CO	USA	ESSL	TIIMES
Liu	Hanli	Spectral Structures of a Simplified Diffusive System Subject to Stochastic Forcing	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Liu	Hanli	Spectral Structures of a Simplified Diffusive System Subject to Stochastic Forcing	Space Weather Conference for Chinese and Overseas	Maeuo		CHN	ESSL	HAO
Liu	Hanli	Turbopause and Gravity Waves	TIIMES Gravity Wave Retreat	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Whole Atmosphere Community Climate Model: Development and Research	High Altitude Seamless Modeling Workshop	Fort Belvoir	VA	USA	ESSL	HAO
Liu	Yubao	The NCAR/RAL RTFDFA System and Its Applications for Support of Weather Modification	Visitors of Chinese Acad. Of Meteor. Sci.	Boulder	CO	USA	RAL	NCAR
Liu	Yubao	The NCAR/RAL RTFDFA System and the Real-time Applications for Support of Olympics	Visitors from Bejing Meteor. Bureau	Boulder	CO	USA	RAL	NCAR
Liu	Yubao	The NCAR/RAL RTFDFA System and Its Applications for Support of Weather Modification	Visitors from Thai Royal Rainmaking Bureau	Boulder	CO	USA	RAL	NCAR
Liu	Yubao	Using the NCAR/RAL RTFDFA System for Real-Time Analyses and Forecasts of Hurricane Rita and Wilma	Chinese Acad. Meteor. Sci	Bejing	BJ	China	RAL	NCAR
Liu	Yubao	A Study of Resolution Impact on Simulation of Local Summer Convection and Strong Winds at WSMR Using the WRF-based RTFDFA System	Army ATEC 4DWX sponsor	Boulder	CO	USA	RAL	NCAR
Liu	Yubao	Very short-term QPFs for summer monsoon convection over complex terrain in NM and AZ using the NCAR RTFDFA system	AMS 12th Mount. Meteor. Con.	Santa Fe	NM	USA	RAL	NCAR
Liu	Yubao	An OSSE Study of TAMDAR Data Impact on Short-Term NWP Using the NCAR RTFDFA System	3th TAMDAR GLFE wrokshop	Evergreen	CO	USA	RAL	NCAR
Liu	Yubao	Observation-Quality Estimation and its Applicationin the NCAR/ATEC Real-time FDFA and Forecast (RTFDFA) System	Visitor from AirDat LLC	Boulder	CO	USA	RAL	NCAR
Liu	Yubao	The NCAR/ATEC Real-Time Four-Dimensional Data Assimilation and Forecast System (RTFDFA)	Visitor from AirDat LLC	Boulder	CO	USA	RAL	NCAR
Liu	Yubao	A Linux Cluster Node Management and Reservation Scheme for NSAP Modelers	RAL/NSAP modelers	Boulder	CO	USA	RAL	NSAP
Liu	Yubao	Enhancing RTFDFA Cloud and Precipitation Analyses and Short-term QPF Using Radar, Satellite, Aircraft, Surface and Other Measurements	RAL/NSAP modelers	Boulder	CO	USA	RAL	NSAP
Liu	Yubao	Assimilation of Diverse Meteorological Datasets with a 4-D Mesoscale Analysis and Forecast System	AMS 10th IOAS-AOLS conf.	Atlanda	GA	USA	RAL	NCAR
Liu	Yubao	An Update on "Observation-Nudging"-based FDFA for WRF-ARW: Verification using OSSEs and Performance of Real-time Operations	2006 WRF User Workshop	Boulder	CO	USA	RAL	NCAR
Liu	Yubao	Multiscale analyses and forecasts of the exceptional Feb. 18 cold-air in Boulder-Longmont region using the NCAR RTFDFA system	Visitors from Xcel	Boulder	CO	USA	RAL	NCAR
Loft	Rich	Petascale Systemn Requirements for the Geosciences	SC05	Seattle	WA	USA	CISL	SCD
Loft	Rich	Overview of the NCAR Computational and Information	SC05	Seattle	WA	USA	CISL	SCD

Systems Laboratory

Loft	Rich	NCAR Teragrid Plans	TeraGrid	Chapel Hill	NC	USA	CISL	SCD
Loft	Rich	Scaling the High Order Method Modeling Environment (HOMME) on Blue Gene/L	NSF	San Diego	CA	USA	CISL	SCD
Loft	Rich	Geoscience Application Requirements for Petascale Architectures (GARPA) Introduction	Geoscience	Washington	DC	USA	CISL	SCD
Loft	Rich	NCAR Teragrid Activities	NSF Director & OCI Director	Indianapolis	IN	USA	CISL	SCD
Loft	Rich	None	ISCA (International Symposium on Computer Architecture)	Boston	MA	USA	CISL	SCD
Loft	Rich	The Impact of Petascale Plans on Geoscience Modeling	CCSM (Community Climate System Model)	Breckenridge	CO	USA	CISL	SCD
Loft	Rich	Doing Science at the Petascale: What will it take?	Oak Ridge Associated Universities	Knoxville	TN	USA	CISL	SCD
Lu	Gang	AMIE Results for the GEM Campaign of August 2001	GEM Workshop	Snowmass	CO	USA	ESSL	HAO
Lu	Gang	Climate Discovery: Integrating Research with Exhibit, Public Tours, K-12, and Web-Based EPO Resources	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Lu	Gang	Corotating High-Speed Streams, Coronal Mass Ejections, Interplanetary Shocks: A Comparative Study of Geoeffectiveness	Symposium on Earth-Sun System Exploration: Energy Transfer	Kona	HI	USA	ESSL	HAO
Lu	Gang	Coupled Dynamics of the Inner Magnetosphere	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Lu	Gang	Earth's Magnetosphere and Ionosphere	HAO Seminar	Boulder	CO	USA	ESSL	HAO
Lu	Gang	Effects of Auroral Precipitation on Ionosphere and Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Lu	Gang	Effects of Auroral Precipitation on Ionospheric Convection	SuperDARN Workshop	Assateague Island	VA	USA	ESSL	HAO
Lu	Gang	Effects of Solar and Magnetospheric Forcing on the Ionosphere and Upper Atmosphere	International Symposium on Recent Observations and Simulations of the Sun-Earth System (ISROSES)	Varna		BGR	ESSL	HAO
Lu	Gang	Ionospheric Electric Currents and their Geomagnetic Effects	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Lu	Gang	Joule Heating and Nitric Oxide in the Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Lu	Gang	Studies of Magnetosphere-Ionosphere-Thermosphere Coupling during CAWSES Campaigns	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Madden	Roland	A Search for Free Rossbywaves and for VanLoon's Temperature Variations in the Southern Hemisphere Stratosphere	8 th International Conference on Southern Hemisphere Meteorology and Oceanography	Foz do Iguacu	BRA		ESSL	CGD
Madden	Roland	Rossby in America and Rossbywaves in the NCEP/NCAR Reanalysis	Boulder-Denver Chapter of the American Meteorological Society	Boulder	CO	USA	ESSL	CGD
Madden	Roland	Rossby in America and Rossbywaves in the NCEP/NCAR Reanalysis	Scripps Institution of Oceanography	La Jolla	CA	USA	ESSL	CGD
Madronich	Sasha	4 presentations about MILAGRO: (1) MIRAGE Scientific Overview, (2) Aircraft observations, (3) Tecamac Supersite, (4) Data Policy.	MIRAGE Field Group	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Overview of current and upcoming air quality challenges	Junior Faculty Forum	Boulder	CO	USA	ESSL	ACD
Mahoney	William	Engaging End Users	Meteorologists & Social Scientists	Boulder	CO	USA	RAL	WSAP
Mahoney	William	Surface Transportation Research Needs	Meteorologists & Transportation Professionals	Boulder	CO	USA	RAL	WSAP
Mahoney	William	Maintenance Decision Support System	Transportation Professionals	Denver	CO	USA	RAL	WSAP
Mahoney	William	Future of Map Databases	Transportation Professionals	San Francisco	CA	USA	RAL	WSAP
Mahoney	William	Clarus System - Nationwide Surface Transportation Weather	Transportation Professionals	San Francisco	CA	USA	RAL	WSAP
Mahoney	William	Winter Weather Decision Support	Transportation Professionals	Orlando	FL	USA	RAL	WSAP
Mahoney	William	Decision Support Systems	CASA Program Staff	Boulder	CO	USA	RAL	WSAP
Mahoney	William	Weather Products Enabled by Vehicle Infrastructure Integration	DOT and Auto Manufacturers	Boulder	CO	USA	RAL	WSAP

Mahoney	William	Advanced Weather Technologies	Intrado	Boulder	CO	USA	RAL	WSAP
Mahoney	William	Winter Weather Decision Support	Transportation Professionals	Torino		ITA	RAL	WSAP
Mahoney	William	Advanced Aviation Weather Technologies	Taiwan Aviation Community	Taipei		TWN	RAL	WSAP
Mahoney	William	Decision Support System Development Process	Meteorologists & Social Scientists	Boulder	CO	USA	RAL	WSAP
Mahowald	Natalie	Anthropogenic dust impacts	scientists	Cambridge	MA	USA	ESSL	CGD/TIIMES
Mahowald	Natalie	Anthropogenic dust impacts	scientists	Purdue	IN	USA	ESSL	CGD/TIIMES
Mahowald	Natalie	Biomass burning impacts on atmospheric phosphorus deposition in the Amazon	university	San Francisco	CA	USA	ESSL	CGD/TIIMES
Mahowald	Natalie	Deposition to snow regions	university	San Francisco	CA	USA	ESSL	TIIMES
Mahowald	Natalie	Deposition to snow regions	scientists	San Francisco	CA	USA	ESSL	CGD
Mahowald	Natalie	Dust variability and impacts on climate	scientists	Boulder	CO	USA	ESSL	TIIMES
Mahowald	Natalie	Dust variability and impacts on climate	scientists	Boulder	CO	USA	ESSL	CGD
Manning	Kevin	AMPS Status and Update	scientific conference	Boulder	CO	USA	ESSL	MMM
Manning	Kevin	Early Comparison of MM5and WRF Time Series to AW5 Observations	scientific conference	Boulder	CO	USA	ESSL	MMM
Marsh	Dan	Assessment of mesospheric chemistry from TIMED and global models	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Marsh	Dan	Variability of the mesospheric semidiurnal tide associated with planetary waves in the stratosphere	ICMA Workshop on Vertical Coupling in the Atmosphere/Ionosphere System	Vama		BGR	ESSL	ACD
Matsunaga	Sou	Development of a new analytical te	Zao	Yamagata	JPN	SERE/ESSL ASP/ACD		
Maute	Astrid	Empirical Model of High-Latitude Magnetosphere-Ionosphere Energy Transfer Based on DE2 Data	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Mayor	Shane	REAL: The Challenge and Unique Role of High-pulse Energy, Eye-safe Lidars in National Security and Atmospheric Research	NCAR	Boulder	CO	USA	EOL	RAF
Mayor	Shane	REAL - The Value of High-pulse Energy, Eye-safe Lidars in National Security and Atmospheric Research	NCAR	Boulder	CO	USA	EOL	SOARS
Mayor	Shane	Three Generation s of Raman-shifted Eye-safe Aerosol Lidars	NCAR	Boulder	CO	USA	EOL	RSF
McGinnis	Seth	Disaster Dynamics: Hurricane Landfall [poster 2]	Natural Hazards Center Workshop	Boulder	CO	USA	SERE	ISSE
McGinnis	Seth	Disaster Dynamics: Hurricane Landfall	NCAR	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	The ISSE Retreat: An Introduction	internal NCAR	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	Overview of the Upcoming Working Group I and II	IAI	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	Progress in Earth System Modeling: Where will coupling end?	Urban and Regional Carbon Management Meeting	Mexico City		MEX	SERE	ISSE
Mearns	Linda	The Uncertainty Conundrum in Climate Change Research: Where are we and where are we going?	NCAR Junior Faculty Forum	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	Overview of the Institute for the Study of Society and Environment	Representatives of RMS	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	NARCCAP PI's Meeting Introduction	internal NCAR	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	The North American Regional Climate Change Assessment Program (NARCCAP)	NOAA RISA Pis	Tuscon	AZ	USA	SERE	ISSE
Mearns	Linda	Regional Climate Change Scenarios for Impacts Assessments: State of the Art	University of Michigan	Ann Arbor	MI	USA	SERE	ISSE
Mearns	Linda	The Importance of Land-cover Change in Simulating Future Climates	AMS	Atlanta	GA	USA	SERE	ISSE

Mearns	Linda	NCAR Services for NOAA RISAs	NCAR-RISA Collaboration Meeting	Washington	DC	USA	SERE	ISSE
Mearns	Linda	Extremes and Decisions Across Time Scales	BASC Meeting	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	Use of Regional Models in Impacts Assessments	Climate and Health Colloquium	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	The Nature of Interdisciplinarity	Climate & Health	Boulder	CO	USA	SERE	ISSE
Meehl	Gerald	CCSM Results	NCAR Advisory Council	Boulder	CO	USA	ESSL	CGD
Meehl	Gerald	Changes in weather and climate extremes in a warmer climate	Climate Change and the Future of the American West: Exploring the Legal and Policy Dimensions, University of Colorado Law School	Boulder	CO	USA	ESSL	CGD
Meehl	Gerald	Forced versus inherent decadal variability and the mid-1970s climate shift	CRCES Workshop on Decadal Climate Variability	Warrenton	VA	USA	ESSL	CGD
Meehl	Gerald	Future Changes of El Nino	18th Conference on Climate Variability and Change: AMS Annual Meeting	Atlanta	GA	USA	ESSL	CGD
Meehl	Gerald	Future of global coupled climate modeling for climate change studies, and how can scientists from developing countries contribute?	The 8th Conference on Southern Hemisphere Meteorology and Oceanography	Foz do Iquazu		BRA	ESSL	CGD
Meehl	Gerald	Global Warming an aspen	Walter Orr Roberts Memorial Lecture: Aspen Global Change Institute	Aspen	CO	USA	ESSL	CGD
Meehl	Gerald	Mechanism for climate system response to solar forcing	ESSL Solar Variability Workshop, NCAR	Boulder	CO	USA	ESSL	CGD
Meehl	Gerald	NCAR's role in the IPCC Fourth Assessment Report	2006 Undergraduate Leadership Workshop, NCAR	Boulder	CO	USA	ESSL	CGD
Meehl	Gerald	Next generation earth system models and scenario requirements	Aspen Global Change Institute	Aspen	CO	USA	ESSL	CGD
Meehl	Gerald	Summary of ensembles discussion in the joint session of the Climate Variability Working Group and the Climate Change Working Group	CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Meehl	Gerald	The IPCC AR4 and climate change projections	IPCC WG1 Third Lead Author Meeting	Christchurch		NZL	ESSL	CGD
Meehl	Gerald	The tropospheric biennial oscillation (TBO) and "biennial ENSO" in observations and coupled models	The 8th Conference on Southern Hemisphere Meteorology and Oceanography	Foz do Iquazu		BRA	ESSL	CGD
Meehl	Gerald	U.S. modeling contributions to the IPCC AR4	U.S. CCSP workshop: Climate Science in Support of Decision Making	Washington	DC	USA	ESSL	CGD
Meehl	Gerald	Weather and climate extremes in a future warmer climate	Seminar at University of Hawaii	Honolulu	HI	USA	ESSL	CGD
Meehl	Gerald	Weather and climate extremes in a future warmer climate	CGD Seminar, NCAR	Boulder	CO	USA	ESSL	CGD
Meehl	Gerald	Weather and climate extremes in a future warmer climate	Summer 2006 Colloquium on Climate and Health, NCAR	Boulder	CO	USA	ESSL	CGD
Michalakes	John	High Performance Computing and Atmospheric Modeling	scientific colloquium	Kent	OH	USA	ESSL	MMM
Michalakes	John	Technical Overview of the WRF Software Framework	scientific conference	Boulder	CO	USA	ESSL	MMM
Michalakes	John	The Weather Research and Forecast Model on Windows	scientific conference	Dresden		DEU	ESSL	MMM
Michalakes	John	Working with WRF Software	scientific conference	Taipei		TWN	ESSL	MMM
Michalakes	John	WRF 4DVAR Parallelization	scientific conference	Hongzhou		CHN	ESSL	MMM
Michalakes	John	WRF Software	tutorial	Boulder	CO	USA	ESSL	MMM
Michalakes	John	WRF Software Architecture	scientific conference	Taipei		TWN	ESSL	MMM
Michalakes	John	WRF Software Development and Performances, Workshop on Air Quality Forecasting in Latin American Cities	scientific conference	Sao Paulo		BRA	ESSL	MMM
Michalakes	John	WRF Software Development: Status and Plans	scientific conference	Hongzhou		CHN	ESSL	MMM
Middleton	Don	The Earth System Grid and the Community Data Portal	WMO (World Meterological Organization)	Geneva		CHE	CISL	SCD
Middleton	Don	The Community Data Portal and The Earth System Grid	WMO (World Meterological Organization)	Boulder	CO	USA	CISL	SCD
		Virtual Observatories and Distributed Data Systems -		San				

Middleton	Don	Emerging Best or Better Practices	AGU	Francisco	CA	USA	CISL	SCD
Middleton	Don	Visualizing our Planet	American Museum of Natural History	New York	NY	USA	CISL	SCD
Middleton	Don	ESG and TeraGrid	TeraGrid Forum	Boulder	CO	USA	CISL	SCD
Middleton	Don	Thoughts on the Grid	Global Organization for Earth System Science Portals	Livermore	CA	USA	CISL	SCD
Middleton	Don	Enabling Worldwide Access to Climate Simulation Data: The Earth System Grid	DOE	Denver	CO	USA	CISL	SCD
Middleton	Don	Vislab Presentation on Global Data Federation and Visualization	General Kelly (NOAA), Sandy McDonald + other NOAA Staff	Boulder	CO	USA	CISL	SCD
Middleton	Don	Vislab demo	Garret Graves, Chad English, Denise Edwards, Jason Robertsons + Other Govt. Staffers	Boulder	CO	USA	CISL	SCD
Middleton	Don	NCAR Update on WMO-WIS Progress	WMO Intercommission Group on WIS	Beijing		CHN	CISL	SCD
Miesch	Mark	Convection zone dynamics and dynamo modeling	HMI/AIA Science Team Meeting	Monterey	CA	USA	ESSL	HAO
Miesch	Mark	Thunderous turning within: A glimpse into the turbulent dynamics of the solar interior	University of Colorado Colloquium	Boulder	CO	USA	ESSL	HAO
Miesch	Mark	Zonal flows in the solar interior	AGU Chapman Conference	Savannah	GA	USA	ESSL	HAO
Miller	Kathleen	Climate Change and Water in the West: Complexities, Uncertainties and Strategies for Adaptation	Policy, Law, Technical & Public	Salt Lake City	UT	USA	SERE	ISSE
Miller	Kathleen	Climate Change – A Strategic Perspective	Urban Water Industry	San Francisco	CA	USA	SERE	ISSE
Miller	Kathleen	What is climate change and how do we know what's happening?"	Urban Policy, Water managers, Public	Seattle	WA	USA	SERE	ISSE
Miller	Kathleen	Links to Policy Activities	Scientists, Climate/Ecosystems	Boulder	CO	USA	SERE	ISSE
Mininni	Pablo	Large scale flows and energy transfer in hydrodynamic turbulence at large Reynolds numbers	MHD (Magnetohydrodynamic) researchers	Los Alamos	NM	USA	CISL	IMAGe
Mininni	Pablo	Turbulent dynamos at low magnetic Prandtl number	MHD (Magnetohydrodynamic)researchers	Boulder	CO	USA	CISL	IMAGe
Mininni	Pablo	Revisiting turbulence at large Reynolds numbers	MHD (Magnetohydrodynamic) researchers	Boulder	CO	USA	CISL	IMAGe
Mininni	Pablo	Large scale structures and energy transfer in hydrodynamic turbulence	MHD (Magnetohydrodynamic) researchers	Chicago	IL	USA	CISL	IMAGe
Mininni	Pablo	Turbulent magnetic dynamo excitation at low magnetic Prandtl number	MHD (Magnetohydrodynamic) researchers	Denver	CO	USA	CISL	IMAGe
Mininni	Pablo	Energy transfer in MHD turbulence and dynamos	MHD (Magnetohydrodynamic) researchers	Santa Fe	NM	USA	CISL	IMAGe
Moeng	Chin-Hoh	Examining the Nesting-LES Capability Using the WRF Model	scientific conference	San Diego	CA	USA	ESSL	MMM
Moeng	Chin-Hoh	Large Eddy Simulation for PBL Research	Dept Seminar, UCLA	Los Angeles	CA	USA	ESSL	MMM
Moncrieff	Mitchell	Convective precipitation episodes, diurnal cycle and global models	scientific conference	Washington DC	DC	USA	ESSL	MMM
Moncrieff	Mitchell	Multiscale Convective Organization and Tropical Intra-seasonal Oscillations	Indian Meteorological Society, Indian Meteorological Department (IMD)	New Delhi		IND	ESSL	MMM
Moncrieff	Mitchell	Multiscale Simulation & Analysis: A Proposed Working Group for GPM	scientific meeting	Monterey	CA	USA	ESSL	MMM
Moncrieff	Mitchell	Representing Precipitating Convection	scientific conference	New Delhi		IND	ESSL	MMM
Moncrieff	Mitchell	Representing Precipitating Convection in the 10-km-grid Grey Zone: The Organized Convection Issue	scientific conference	Boulder	CO	USA	ESSL	MMM
Moncrieff	Mitchell	Simulation and Dynamics of Precipitating Convection Organized on Large Scales	university	Ft. Collins	CO	USA	ESSL	MMM
Moncrieff	Mitchell	Spatial-temporal organization of convection and the	scientific conference	Monterey	CA	USA	ESSL	MMM

diurnal variability of precipitation: A U.S. Continent Study									
Moncrieff	Mitchell	THORPEX: A Global Research Programme	scientific conference	Fortaleza	BRA	ESSL	MMM		
Moncrieff	Mitchell	Tropical Convection: a new ERA	scientific conference	Trieste	ITA	ESSL	MMM		
Morrison	Hugh	Overview of Arctic mixed-phase clou	Stony Broo k	NY	USA	SERE/ESSL ASP/MMM			
Morrison	Hugh	Interactions between the surface, cl	Potsdam		DEU	SERE/ESSL ASP/MMM			
Morrison	Hugh	Representation of Arctic mixed-phas	San Franci sco	CA	USA	SERE/ESSL ASP/MMM			
Morrison	Hugh	Implementation of a new two-mome	Boulder	CO	USA	SERE/ESSL ASP/MMM			
Morrison	Hugh	Sensitivity of MPACE stratocumulus t	Albuquerq ue	NM	USA	SERE/ESSL ASP/MMM			
Morrison	Hugh	Comparison of bulk and bin warm rai	Madison	WI	USA	SERE/ESSL ASP/MMM			
Morss	Rebecca	Defining High-Impact Weather Forecasts in North America	scientific conference	Boulder	CO	USA	ESSL	MMM	
Morss	Rebecca	More Qualitative Research Methods: Use of Information by NWS Forecasters and End-Users during a Meteorological Field Experiment	scientific conference	Boulder	CO	USA	ESSL	MMM	
Morss	Rebecca	Policy Research on Observing Network Design for Weather Prediction	scientific conference	Atlanta	GA	USA	ESSL	MMM	
Morss	Rebecca	Providing More Useful Scientific Information for Decision-Making: End-to-end-to-end Research	scientific conference	Boulder	CO	USA	ESSL	MMM	
Morss	Rebecca	Qualitative Research on Weather and Society: Two Example Projects	scientific conference	Norman	OK	USA	ESSL	MMM	
Morss	Rebecca	Qualitative Research on Weather and Society: Two Example Projects	scientific conference	Boulder	CO	USA	ESSL	MMM	
Morss	Rebecca	Science, Stakeholders, and Flood Decision-Making: Three Cases in Weather and Climate	scientific conference	San Francisco	CA	USA	ESSL	MMM	
Morss	Rebecca	The Use of Uncertain Scientific Information in Decision-Making and End-to-end-to-end Research	scientific conference	Norman	OK	USA	ESSL	MMM	
Morss	Rebecca	Science, Stakeholders, and Flood Decision-Making: Three Cases in Weather and Climate	AGU Meeting	San Francisco	CA	USA	SERE/ESSL ISSE/MMM		
Morss	Rebecca	Policy Research on Observing Network Design for Weather Prediction	AMS Meeting	Atlanta	GA	USA	SERE/ESSL ISSE/MMM		
Morss	Rebecca	Defining High-Impact Weather Forecasts in North America	NAT-SERA Workshop	Boulder	CO	USA	SERE/ESSL ISSE/MMM		
Morss	Rebecca	More Qualitative Research Methods: Use of Information by NWS Forecasters and End-Users during a Meteorological Field Experiment	WAS*IS Workshop	Boulder	CO	USA	SERE/ESSL ISSE/MMM		
Morss	Rebecca	The Use of Uncertain Scientific Information in Decision-Making and End-to-end-to-end Research	WAS*IS Workshop	Norman	OK	USA	SERE/ESSL ISSE/MMM		
Morss	Rebecca	Qualitative Research on Weather and Society: Two Example Projects	WAS*IS Workshop	Norman	OK	USA	SERE/ESSL ISSE/MMM		
Morss	Rebecca	Providing More Useful Scientific Information for Decision-Making: End-to-end-to-end Research	WAS*IS Workshop	Boulder	CO	USA	SERE/ESSL ISSE/MMM		
Morss	Rebecca	Qualitative Research on Weather and Society: Two Example Projects	WAS*IS Workshop	Boulder	CO	USA	SERE/ESSL ISSE/MMM		
Moser	Susanne	Dances-with-Uncertainty: Communicating what matters about the unknown to decision-makers.	IAI-NCAR Symposium	Boulder	CO	USA	SERE	ISSE	
Moser	Susanne	Preparing for the Impacts of Climate Change in California: How Ready is the Coastal Sector?	Third Climate Change Research Conference	Sacramento	CA	USA	SERE	ISSE	
Moser	Susanne	Adapting to the Impacts of Climate Change: How Ready Is Coastal California?	California and the World Ocean '06	Long Beach	CA	USA	SERE	ISSE	
Moser	Susanne	Communicating Climate Change – Motivating Civic Action: Opportunity for Democratic Renewal?	Woodrow Wilson International Center for Scholars	Washington	DC	USA	SERE	ISSE	
Moser	Susanne	Communicating our Passion for a Better World	Climate Action Network Australia	Sydney		AUS	SERE	ISSE	
Moser	Susanne	Talk for a Change: Challenges and Opportunities for Effective Communication of Climate Change	Bureau of Meteorology	Melbourne		AUS	SERE	ISSE	
Moser	Susanne	Talk for a Change: Challenges and Opportunities for Effective Communication of Climate Change	CSIRO	Hobart		AUS	SERE	ISSE	
Moser	Susanne	Communication and interaction at the science-practice interface: Lessons for transgressors	International Workshop, "Climate Change Adaptation, Mitigation and Linkages with Sustainable Development"	Vancouver	BC	CAN	SERE	ISSE	
Moser	Susanne	Talk of the City: Engaging Urbanites on Climate Change	International Workshop, "Climate Change and Urban Areas,"	London		GBR	SERE	ISSE	

Moser	Susanne	Lessons from Assessments: Linking and communicating science to decision-makers	NRC, Committee on the "Analysis of Global Change Assessments"	Washington	DC	USA	SERE	ISSE
Moser	Susanne	Climate and Terro rism: Commonalities and Differences in Societal Response	AAAS Annual Meeting	St. Louis	MO	USA	SERE	ISSE
Moser	Susanne	One Hundred Ways to Miss the Mark: Avoiding the Pitfalls in the Communication – Social Change Continuum	6th Open Meeting of the International human Dimensions of Global Change Research Community	Bonn		DEU	SERE	ISSE
Nair	Ram	A scalable high-order dynamical core for climate modeling	2006 International Conference on Mesoscale Process in Atmosphere, Ocean and Environmental Systems	New Delhi		IND	CISL	SCD
Nair	Ram	A scalable high-order conservative dynamical core for climate modeling	Adaptive Management Work Group, National Center for Atmospheric Research	Boulder	CO	USA	CISL	SCD
Nair	Ram	A scalable discontinuous Galerkin dynamical core	Climate Change Prediction Program	Boston	MA	USA	CISL	SCD
Nair	Ram	A discontinuous Galerkin dynamical core for climate modeling	Solutions to PDEs 2006 Workshop	Monterey	CA	USA	CISL	SCD
Norton	Alan	The VAPOR project at NCAR	Computer Graphics@DOECGF	Monterrey	CA	USA	CISL	SCD
Norton	Alan	The VAPOR project at NCAR	CU Physics dept	Boulder	CO	USA	CISL	SCD
Norton	Alan	VAPoR	CU Solar Turbulence Seminar	Boulder	CO	USA	CISL	SCD
Norton	Nancy	CCSM Ocean Model Developments	CGD Research Report	Boulder	CO	USA	ESSL	CGD
Norton	Nancy	CCSM3 Ocean Model Developments	CCSM Software Engineer Working Group	Boulder	CO	USA	ESSL	CGD
Norton	Nancy	Importing HYCOM into CCSM3.0	CCSM Ocean Working Group	Boulder	CO	USA	ESSL	CGD
Norton	Nancy	Translating POP to POP2	CCSM Ocean Working Group	Boulder	CO	USA	ESSL	CGD
Nychka	Doug	Smoothing with applications to robustness and extremes	Statisticians	Ovronnaz		CHE	CISL	IMAGe
Nychka	Doug	Institute for Mathematics Applied to Geosciences	Computational Scientist	Seattle	WA	USA	CISL	IMAGe
Nychka	Doug	The Ensemble Kalman Filter: The Movie	Statistics Department, University of Washington	Seattle	WA	USA	CISL	IMAGe
Nychka	Doug	Parameter Estimation for Computationally Intensive Nonlinear Regression with an Application to Climate Modeling	Statisticians	Tampa	FL	USA	CISL	IMAGe
Nychka	Doug	Comments on ensembles and statistical models	Ecological and statistical researchers	Columbus	OH	USA	CISL	IMAGe
Nychka	Doug	Ensembles and Extremes	Statisticians	Pasadena	CA	USA	CISL	IMAGe
Nychka	Doug	Five lectures on statistical foundations for estimating surface sources of carbon	Applied Mathematics, statistics and atmospheric sciences graduate students	Berkeley	CA	USA	CISL	IMAGe
Nychka	Doug	Communicating Uncertainty: The Phantom Hockey Stick	Junior faculty and young researchers in geosciences and mathematical sciences	Boulder	CA	USA	CISL	IMAGe
Nychka	Doug	Parameter estimation for climate models	Statisticians	Seattle	WA	USA	CISL	IMAGe
Nychka	Doug	Statistical challenges of geophysical models	Statistics graduate students	Burnaby		CAN	CISL	IMAGe
Oleson	Keith	Update on CLM hydrology project	scientists	Breckenridge	CO	USA	ESSL	CGD
Oleson	Keith	Update on CLM hydrology project	scientists	Boulder	CO	USA	ESSL	CGD
Oleson	Keith	Developing a global database for the CLM urban model.	scientists	Atlanta	GA	USA	ESSL	CGD/TIIMES
Oleson	Keith	Development of a n urban parameterization for a global climate model	scientists	Atlanta	GA	USA	ESSL	TIIMES
Oleson	Keith	Development of an urban parameterization for a global climate model	scientists	Boulder	CO	USA	ESSL	CGD/TIIMES
Oleson	Keith	Development of an urban parameterization for a global climate model	scientists	Atlanta	GA	USA	ESSL	CGD
Oleson	Keith	Development of an urban parameterization for a global climate model	scientists	Boulder	CO	USA	ESSL	CGD
Oleson	Keith	Development of an urban parameterization for a global climate model: AMS 6th Symposium on the Urban	scientists	Atlanta	GA	USA	ESSL	CGD

Environment									
Oleson	Keith	Feddema, J., K. Oleson, and G. Bonan, 2006: Developing a global database for the CLM urban model. AMS 6th Symposium on the Urban Environment, Jan. 29-Feb 2, Atlanta, GA	scientists	Atlanta	GA	USA	ESSL	CGD	
Oleson	Keith	How important is land cover change for simulating climates	scientists	Atlanta	GA	USA	ESSL	CGD	
Oleson	Keith	How important is l and cover change for simulating climates?	scientists	Atlanta	GA	USA	ESSL	TIIMES	
Oleson	Keith	How important is land cover change for simulating climates? AMS 18th Conference on Climate Variation	scientists	Atlanta	GA	USA	ESSL	CGD	
Oleson	Keith	Update on CLM h ydrology project	workshop	Boulder	CO	USA	ESSL	TIIMES	
Oleson	Keith	Update on CLM hydrology project	scientists	Breckenridge	CO	USA	ESSL	CGD	
Oleson	Keith	Update on CLM hydrology project	scientists	Boulder	CO	USA	ESSL	CGD/TIIMES	
Oncley	Steven	Information night on global warming	Massachusetts Inst itute of Technology	Cambridge	MA	USA	EOL	RSF	
Otto-Bliesner	Bette	2K Arctic model-data synthesis	NSF Arctic Pis	Tucson	AZ	USA	ESSL	CGD	
Otto-Bliesner	Bette	A paleoclimate perspective on climate surprises	Houghton Retirement Symposium	Madison	WI	USA	ESSL	CGD	
Otto-Bliesner	Bette	A paleoclimate perspective on future Arctic warmth, Greenland melting and sea level rise	ESSL Advisory Panel, NCAR	Boulder	CO	USA	ESSL	CGD	
Otto-Bliesner	Bette	A paleoclimate perspective on future Arctic warmth, Greenland melting and sea level rise	Darwin Symposium	Utrecht		NLD	ESSL	CGD	
Otto-Bliesner	Bette	Climate Models	SAMSI	Raleigh-Durham	NC	USA	ESSL	CGD	
Otto-Bliesner	Bette	Interglacial run	CCSM Paleoclimate Working Group	Madison	WI	USA	ESSL	CGD	
Otto-Bliesner	Bette	North Atlantic Responses for Heinrich and the 8.2 ka Events: Comparison of the Atmosphere-Ocean-Sea Ice Responses to Freshwater Perturbations in a Climate Model	AGU Fall Meeting	San Francisco	CA	USA	ESSL	CGD	
Otto-Bliesner	Bette	Ocean-atmosphere interactions and continental responses to abrupt climate changes in the North Atlantic	AMQUA Biennial Meeting	Bozeman	MT	USA	ESSL	CGD	
Otto-Bliesner	Bette	One mechanism of global climate change on centennial to millennial time scales	ASP Summer School, NCAR	Boulder	CO	USA	ESSL	CGD	
Otto-Bliesner	Bette	Why Study past climates to understand the future?	French Delegation, NCAR	Boulder	CO	USA	ESSL	CGD	
Page	Mike	LSF for Bluevista Users	NCAR	Boulder	CO	USA	CISL	SCD	
Page	Mike	Shall We Call It--Global Warming, Climate Variability, or Human Climate Disruption? The Social Construction of Global Warming	HDGEC	Potsdam		DEU	CISL	SCD	
Page	Mike	NCAR Overview	SCD/HSS	Boulder	CO	USA	CISL	SCD	
Pan	Laura	Chemical Transiti on across the Tropopause Initial look of MLS O ₃ -CO	JPL			USA	ESSL	TIIMES	
Pan	Laura	Chemical Transiti on between Stratosphere and Troposphere in the Presence of Mountain Waves	scientists	Santa Fe	NM	USA	ESSL	TIIMES	
Pan	Laura	Dynamical Variab ility of Ozone near the Tropopause from AIRS Data	workshop	Greenbelt	MD	USA	ESSL	TIIMES	
Pan	Laura	Impact of Dynami cs on UTLS Chemical distribution observed during START	scientists	Cape Town		ZAF	ESSL	TIIMES	
Pan	Laura	Satellite Compon ent of the DC3 project - the impact of deep convection to UTLS	workshop	Boulder	CO	USA	ESSL	TIIMES	
Pan	Laura	START Experiment Overview	workshop	Boulder	CO	USA	ESSL	TIIMES	
Pan	Laura	STE Studies usin g AIRS Data	workshop	Pasadena	CA	USA	ESSL	TIIMES	
Pan	Laura	Stratosphere-Trop osphere Exchange and Profile Observations in the Tropopause Region	scientists	Boulder	CO	USA	ESSL	TIIMES	
Pan	Laura	The UTLS initiati ve – an overview	scientists	Boulder	CO	USA	ESSL	TIIMES	

Pan	Laura	The UTLS Initiative - an Overview and the Latest Progress	ESSL Advisory Panel	Boulder	CO	USA	ESSL	TIIMES
Pan	Laura	The UTLS initiative, an overview	NSF	Arlington	VA	USA	ESSL	TIIMES
Pan	Laura	Upper troposphere-lower stratosphere studies during T-Rex workshop		Reno	NV	USA	ESSL	TIIMES
Parsons	David	An Overview of the THORPEX Pacific Asian Regional Campaign	workshop	Perth		AU	ESSL	TIIMES
Parsons	David	An Overview of THORPEX and its Relationship to Societal and Economic Research and Applications	workshop	Boulder	CO	USA	ESSL	TIIMES
Parsons	David	An Overview of Tropical Convection and its Impact on Middle Latitude Weather	workshop	Boulder	CO	USA	ESSL	TIIMES
Parsons	David	Community plans for PARC	workshop	Washington	DC	USA	ESSL	TIIMES
Parsons	David	Measurement Strategies for PARC and COSMIC	scientists	Taipei		TWN	ESSL	TIIMES
Parsons	David	North American Participation in THORPEX	workshop	Perth		AU	ESSL	TIIMES
Parsons	David	North American THORPEX Regional Activities and the Pacific Asian Regional Campaign	workshop	Kunming, China		CHN	ESSL	TIIMES
Parsons	David	Overview of Current and Potential Future National and Regional THORPEX Activities	scientists	Atlanta	GA	USA	ESSL	TIIMES
Parsons	David	Pacific Predictability	university	Cape Town		SA	ESSL	TIIMES
Parsons	David	Report on the North American THORPEX Effort	workshop	Melbourne		AU	ESSL	TIIMES
Parsons	David	Status report and future plans for THORPEX	workshop	Washington	DC	USA	ESSL	TIIMES
Parsons	David	The Dynamic Connection Between High Impact Weather over Asian and North America – The Strategy for PARC	university	Taipei		TWN	ESSL	TIIMES
Parsons	David	The Proposed THORPEX Pacific Asian Regional Campaign (PARC)	scientists	Tokyo		JPN	ESSL	TIIMES
Parsons	David	The THORPEX Pacific Asian Regional Campaign	workshop	Camp Springs	MD	USA	ESSL	TIIMES
Parsons	David	THORPEX and the Weather-Climate Interface	NSF	Washington DC	DC	USA	ESSL	TIIMES
Parsons	David	THORPEX, PARC and COSMIC	university	Chung-Li		TWN	ESSL	TIIMES
Patton	Edward	Boundary layer parameterization: The importance of small scales and their relationship with large scales	NCAR meeting	Boulder	CA	USA	ESSL	MMM
Patton	Edward	Boundary layer parameterization: The importance of small scales and their relationship with large scales	workshop	Boulder	CA	USA	ESSL	TIIMES
Patton	Edward	Flow and Transport Above and Within Forests in Complex Topography	scientific conference	Boulder	CA	USA	ESSL	MMM/TIIMES
Patton	Edward	Turbulent Flow over Isolated Ridges; Influence of Vegetation	scientific conference	San Diego	CA	USA	ESSL	MMM/TIIMES
Petty	Kevin	VII Weather Applications: Feasibility and Concept Development	scientific	Philadelphia	PA	USA	RAL	WSAP
Petty	Kevin	Vehicle Infrastructure Integration (VII): Scientific Challenges	scientific	Boulder	CO	USA	RAL	WSAP
Pfister	Gabriele	Effects of North American Boreal Fires on Tropospheric Composition and Chemistry in Nearby and Remote Region	Michigan Technical University	Houghton	MI	USA	ESSL	ACD
Pfister	Gabriele	Organizer of NCAR /ASP Seminar Series	NCAR	Boulder	CO	USA	ESSL	ACD
Pfister	Gabriele	Quantifying CO Emissions over South America	European Geophysical Society, EGU General Assembly	Vienna		AUT	ESSL	ACD
Pfister	Gabriele	Implications of North American Bore	San Francisco	CA		USA	SERE/ESSL ASP/ACD	
Pfister	Gabriele	Implications of North American Bore	Boulder	CO		USA	SERE/ESSL ASP/ACD	
Pfister	Gabriele	Effects of North American Boreal Fire	Houghton	MU		USA	SERE/ESSL ASP/ACD	
Pietarila	Anna	The Ca IR triplet as a diagnostic for chromospheric magnetism	SPD Annual Meeting	Durham	NH	USA	ESSL	HAO
Pocernich	Matthew	Simulating Multivariate Weather Data Using Nearest Neighbors Approach.	Load forecasters	Orlando	FL	USA	RAL	WSAP
Pocernich	Matthew	Weather Extremes: Investigating the Potential for	WCAP Retreat	Boulder	CO	USA	RAL	AAP

Convective Extremes

Pocernich	Matthew	Verifying Forecasts: Methods and Applications	Load forecasters	Orlando	FL	USA	RAL	WSAP
Pocernich	Matthew	Organized Vislab Tour: Colorado/ Wyoming American Statistical Association	Statisticians	Boulder	CO	USA	RAL	WSAP
Politovich	Marcia	"Recent success Stories of the InFlight Icing PDT"	AMS members	Atlanta	GA	USA	RAL	AAP
Politovich	Marcia	"Update on TAMDAR Icing Progress"	TAMDAR Workshop	Evergreen	CO	USA	RAL	AAP
Potts	Nicholas	Dropsondes	7th International Symposium on Tropospheric Profiling	Boulder	CO	USA	EOL	RSF
Pouquet	Annick	Issues with low magnetic Prandtl numeric dynamos and MHD turbulence	MHD researchers	Aspen	CO	USA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Reconnection and Turbulence in Fluids and Plasmas	MHD researchers	Denver	CO	USA	CISL/ESSL	IMAGe/ESSL
Powers	Jordan	Advances in Numerical Weather Prediction	AOAWS Users Community	Taipei		TWN	ESSL	MMM
Powers	Jordan	Improvements in ARW Forecasting for Antarctica from MODIS Winds	scientific conference	Boulder	CO	USA	ESSL	MMM
Powers	Jordan	The Impact of MODIS Winds on AMPS WRF Forecasts	scientific conference	Boulder	CO	USA	ESSL	MMM
Powers	Jordan	Use of the Weather Research & Forecasting (WRF) Model in Polar Modeling	scientific conference	Boulder	CO	USA	ESSL	MMM
Qian	Taotao	Hydroclimatic Trends in the Mississippi River Basin from 1948-2004	11th Annual CCSM workshop	Breckenridge	CO	USA	ESSL	CGD
Qian	Liyang	Quantification of the Thermospheric Density Response to Solar Forcing	LWS Meeting	Boulder	CO	USA	ESSL	HAO
Qian	Taotao	The evaporation trend in the Mississippi River basin	CGD research reports	Boulder	CO	USA	ESSL	CGD
Qian	Taotao	The evaporation trend in the Mississippi River basin	NCAR Water Cycle Retreat	Boulder	CO	USA	ESSL	CGD
Qian	Liyang	Thermospheric Neutral Density Response to Solar Forcing	36th COSPAR Scientific Assembly	Beijing		CHN		
Randel	William	Stratospheric Temperature Trends	WCRP SPARC	Boulder	CO	USA	ESSL	ACD
Rasch	Philip	An Exploratory Study of the Impact of Cumulonimbus Injections of Aerosol in the Upper Troposphere and Lower Stratosphere	American Geophysical Union	San Francisco	CA	USA	ESSL	CGD
Rasch	Philip	An Exploratory Study of the Impact of Cumulonimbus Injections of Aerosol in the Upper Troposphere and Lower Stratosphere	Integrated Land Eco-system Atmospheric Process Study (ILEAPS)	Boulder	CO	USA	ESSL	CGD
Rasch	Philip	An Exploratory Study of the Impact of Cumulonimbus Injections of Aerosol in the Upper Troposphere and Lower Stratosphere	NCAR/CGD Research Report	Boulder	CO	USA	ESSL	CGD
Rasch	Philip	An Introduction to the Atmospheric Chemistry and Climate Project of WCRP and IGBP	Scientific Steering Committee of the International Geosphere-Biosphere Programme (IGBP)	Pune		IND	ESSL	CGD
Rasch	Philip	An Overview of Microphysics Issues for the Community Atmospheric Model (CAM)	Community Atmosphere Model (CAM) Microphysics Workshop	Boulder	CO	USA	ESSL	CGD
Rasch	Philip	Atmospheric Climate Modeling	NCAR/ASP Climate Modeling Summer School	Boulder	CO	USA	ESSL	CGD
Rasch	Philip	Challenges in Understanding Chemistry-Climate Interactions in the Upper Troposphere and Lower Stratosphere	Joint WMO/IGAC Symposium: From Chemical Weather Forecasts to Climate Change in South America: The Challenges and Opportunites of Integration and Collaboration	Santiago		CHL	ESSL	CGD

Rasch	Philip	Geo-engineering Climate Change with Sulfate Aerosols	NOAA Summer Institute for the Climate and Global Change Postdoctoral Fellowship Program	Steamboat Springs	CO	USA	ESSL	CGD
Rasch	Philip	Issues of Data-assimilation of Aerosols in Atmospheric Models	World Meteorological Organization (WMO) Workshop on Data Assimilation	Geneva		CHE	ESSL	CGD
Rasch	Philip	Outstanding Problems in Chemistry-Climate Modeling from the Perspective of the IGAC Project	SPARC-GEWEX/GCSS-IGAC Invitational Workshop	Victoria		CAN	ESSL	CGD
Rasch	Philip	State-of-the-Art of Aerosol Modeling in Earth System Models	Aspen Global Change Institute's Earth Systems Models: The Next Generation workshop	Aspen	CO	USA	ESSL	CGD
Rasch	Philip	Status and Future Development of the Community Atmosphere Model (CAM)	CCSM Atmospheric Model Working Group	Boulder	CO	USA	ESSL	CGD
Rasch	Philip	Status of CAM Model Development: Outstanding Problems	CCSM Ocean-Model Working Group	Boulder	CO	USA	ESSL	CGD
Rasch	Philip	Status of the Community Atmosphere Model Development Effort	CCSM Scientific Steering Committee	Boulder	CO	USA	ESSL	CGD
Rasch	Philip	The Art of Climate Modeling	University of Colorado Class	Boulder	CO	USA	ESSL	CGD
Rasmussen	Roy	Winter Weather Nowcasting	Aviation, Range and Aerospace Meteorology conference	Atlanta	GA	USA	RAL	HAP
Rasmussen	Roy	Ice pellets, hotplate, and checktime in Washington D.C., January 24, 2006. Issue is the new FAA regulation forbidding the use of de-anti-icing fluids during ice pellet conditions.	Air Transport Association and FAA meeting	Washington, D.C.	D.C.	USA	RAL	HAP
Rasmussen	Roy	Weather Support to Deicing Decision Making	European Air Traffic meeting	Maastricht		NLD	RAL	HAP
Richmond	Arthur	High-Latitude Inputs	LWS Team Meeting	Boulder	CO	USA	ESSL	HAO
Richmond	Arthur	Ionospheric Electric Currents and their Geomagnetic Effects	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Richmond	Arthur	Joule Heating Effects on the Upper Atmosphere	Yosemite Workshop on Global Aspects of Magnetosphere-Ionosphere Coupling	Yosemite National Park	CA	USA	ESSL	HAO
Richmond	Arthur	Quantification of Joule Heating Effects	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Richmond	Arthur	Summary of NASA LWS FST Team Meeting on Thermospheric Density and Composition	Atmospheric Neutral Density and Solar Indices Workshop	Colorado Springs	CO	USA	ESSL	HAO
Richter	Jadwiga	Climate and Weather: The Two Go Together, Girl Scouts at the National Center for Atmospheric Research	Education in Weather and Ocean Sciences Conference	Boulder	CO	USA	ESSL	CGD
Richter	Jadwiga	Convective Momentum Transport in CAM3	CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Richter	Jadwiga	Convective Momentum Transport in CAM3	TIIMES Weather and Climate Retreat	Boulder	CO	USA	ESSL	CGD
Richter	Jadwiga	Experiments with WACCM: A Sensitivity Study	TIIMES Gravity Wave Retreat	Boulder	CO	USA	ESSL	CGD
Richter	Jadwiga	Model-consistent Generation of Gravity Waves and Their Effects on Simulations of the Middle Atmosphere: A Case Study with the WACCM Model	CCSM Atmospheric Model Working Group	Boulder	CO	USA	ESSL	CGD
Richter	Jadwiga	Model-consistent Generation of Gravity Waves and Their Effects on Simulations of the Middle Atmosphere: A Case Study with the WACCM Model	EGU General Assembly	Vienna		AUT	ESSL	CGD
Richter	Jadwiga	Source Spectrum Parameterizations for Convectively Generated Gravity Waves	TIIMES Gravity Wave Retreat	Boulder	CO	USA	ESSL	CGD
Richter	Jadwiga	WACCM Simulations in 2006-2007	CCSM Workshop	Breckenridge	CO	USA	ESSL	CGD
Rigler	E. Joshua	Optimal Parameter Estimation for Empirical Ionosphere used as LFM Inner Boundary Conditions	GEM Workshop	Snowmass	CO	USA	ESSL	HAO
Rigler	E. Joshua	State Space Models for Space Weather Forecasting	NOAA/SEC Space Weather Week	Boulder	CO	USA	ESSL	HAO

Rigler	E. Joshua	Statistical Models of Magnetospheric Dynamics	HAO Seminar	Boulder	CO	USA	ESSL	HAO
Rigler	E. Joshua	Studying Radiation Belt Electrons with Linear State-Space Models	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Rigler	E. Joshua	Uncertainty in Numerical Simulations	LASP Friends of the Magnetosphere	Boulder	CO	USA	ESSL	HAO
Rizvi	Syed	Recent Developments in Variational Data Assimilation Scheme for WRF (WRF-Var) at NCAR	university	Jackson	MS	USA	ESSL	MMM
Roberts	Rita	Nowcasting Midwest Storms, Nowcasting Systems	24 African meteorologists	Pretoria		ZAF	RAL	HAP
Roberts	Rita	REFRACTT - 2005	NEXRAD Radar Technical Advisory Committee	San Diego	CA	USA	RAL	HAP
Roberts	Rita	Toward a national network of high resolution water vapor measurements	32nd Conf. on Radar Meteorology	Albuquerque	NM	USA	RAL	HAP
Roberts	Rita	Results of the NCAR-NWS Man-in-the-Loop Forecast Demonstration	NWS-FWD forecasters	Ft. Worth	TX	USA	RAL	HAP
Roberts	Rita	REFRACTT-2005 and planning for REFRACTT-2006	NWS/OST Radar Operations Center Technical Interchange Meeting (engineers/scientists)	Norman	Ok	USA	RAL	HAP
Roberts	Rita	REFRACTT-2005	NCAR Watercycle Init. Retreat (scientists)	Boulder	CO	USA	RAL	HAP
Roberts	Rita	Scientific Planning for REFRACTT-2006	NCAR and outside scientists	Boulder	CO	USA	RAL	HAP
Roberts	Rita	Planning for REFRACTT-2006	NWS/OST Radar Operations Center Technical Interchange Meeting (engineers/scientists)	Norman	Ok	USA	RAL	HAP
Roberts	Rita	Autonowcaster capabilities for the Man-in-the-Loop NWS Demonstration	FAA Aviation weather Research managers	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2005 and plans for REFRACTT 2006	Denver NWS Spring Training Workshop (forecasters)	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2005 and plans for REFRACTT 2006	Denver NWS Spring Training Workshop (forecasters)	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2006 experiment and initial results	Cyril Morcrete (Reading Univ., UK)	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2006 experiment and initial results	China BMB/IUM Manager (M. Wang)	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2006 experiment and initial results	Tai Chi and Wei Yu from Taiwan University	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2006 experiment and initial results	Ben Jou and other Taiwanese scientists	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2006 experiment and initial results	John Marsham (UK Met Office, UK)	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2006 experiment and initial results	Japanese scientists from the MMM CREIPI project	Boulder	CO	USA	RAL	HAP
Roberts	Rita	NCAR-NWS Forecaster-Over-the-Loop Demonstration and results	FAA Aviation REDAC Meeting	Boulder	CO	USA	RAL	HAP
Roberts	Rita	REFRACTT-2006 experiment and initial results	Anthony Illingworth, Reading Univ. UK	Boulder	CO	USA	RAL	HAP
Roberts	Rita	Presentation on REFRACTT-2005 and REFRACTT-2006	NOAA and NWS Managers and scientists at NOAA/ERSL	Boulder	CO	USA	RAL	HAP
Roberts	Rita	Presentaton on REFRACTT-2006	Jeff Nesbitt, NSF	Boulder	CO	USA	RAL	HAP
Roberts	Rita	The Colorado REFRACTT Demonstrations	4th European Conf. on Radar Meteorology and Hydrology	Barcelona		ESP	RAL	HAP
Roble	Raymond	A Global Climatology of Semidiurnal Nonmigrating Tides in MLT Winds: Results from TIMED Doppler Interferometer (TIDI)	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Roble	Raymond	Causes of Sub-Auroral Variability of Nitric Oxide in the Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Roble	Raymond	Comparative Study of Short Term Tidal Variability	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Roble	Raymond	Diurnal Nonmigrating Tides from TIDI Wind Measurements: Monthly Climatologies	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Roble	Raymond	Effects of Auroral Precipitation on Ionosphere and Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO

Roble	Raymond	Modeling the Middle and Upper Atmosphere of Mars for Late 2003 to Early 2004	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Roble	Raymond	Observations of Mesospheric OH and Ozone during the Intense solar Energetic Particle Event of January 2005	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Roble	Raymond	On Global Change in the Earth's Upper Atmosphere	40 Years of Climate Research-A Celebration of Bob Dickinson's Career	Atlanta	GA	USA	ESSL	HAO
Roble	Raymond	On Modeling the Upper Atmosphere and Ionosphere Response to Global Change	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Roble	Raymond	The Effect of IMF By on Thermospheric Composition at High and Middle Latitudes	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Roble	Raymond	TIMED Doppler Interferometer (TIDI) Neutral Wind Multi-Year Tidal Analysis and Comparison with TIMEGCM Results	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Roble	Raymond	Understanding the Ionosphere-Thermosphere System through Modeling and Data Assimilation	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Rosenberg	Duane	Dynamically adaptive geophysical fluid dynamics simulation using GASpAR: Geophysics/Astrophysics Spectral-element Adaptive Refinement	MHD researchers	Boulder	CO	USA	CISL	NCAR
Rosenberg	Duane	Preliminary results from a new incompressible spectral element MHD solver in the Geophysical-astrophysical spectral-element adaptive mesh (GASpAR) code	MHD researchers	Boulder	CO	USA	CISL	NCAR
Rotunno	Richard	LES of the Onset of the Sea Breeze	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Rotunno	Richard	Orographic Precipits	scientific conference	Boulder	CO	USA	ESSL	MMM
Sain	Stephan	Models for multivariate spatial lattice data and assessing climate change	Department of Applied Mathematics, University of Colorado	Boulder	CO	USA	CISL	IMAGe
Sain	Stephan	Models for multivariate spatial lattice data and assessing climate change	Biostatisticians, University of Texas, Southwestern	Dallas	TX	USA	CISL	IMAGe
Sain	Stephan	Multi-response smoothing and estimation of soil water profiles	Statisticians, Southern Methodist University	Dallas	TX	USA	CISL	IMAGe
Sain	Stephan	Models for multivariate spatial lattice data and assessing climate change	Statisticians, Rice University	Houston	TX	USA	CISL	IMAGe
Sain	Stephan	Combining climate model output via multivariate statistical models for spatial lattice data	IMAGe	Boulder	CO	USA	CISL	IMAGe
Sain	Stephan	Models for multivariate lattice data with applications to racially biased policing	Statisticians	Boulder	CO	USA	CISL	IMAGe
Sain	Stephan	Assessments of climate change using regional climate models	Interface Conference, Statisticians	Pasadena	CA	USA	CISL	IMAGe
Sain	Stephan	Models for multivariate lattice data and assessments of climate change	Joint Statistical Meeting, Statisticians	Seattle	WA	USA	CISL	IMAGe
Sassi	Fabrizio	Experiments with WACCM: A Sensitivity Study	TIIMES Workshop	Boulder	CO	USA	ESSL	CGD
Sassi	Fabrizio	Model-consistent Generation of Gravity Waves and Their Effects on Simulations of the Middle Atmosphere: A Case Study with the WACCM Model	EGU General Assembly	Vienna		AUT	ESSL	CGD
Sassi	Fabrizio	WACCM Simulations in 2006-2007	CCSM Chemistry-Climate Working Group	Breckenridge	CO	USA	ESSL	CGD
Saxen	Tom	Determining key parameters for NCAR's convective Auto-Nowcast System using climatological analyses	32nd Conference on Radar Meteorology	Albuquerque	NM	USA	RAL	HAP
Saxen	Tom	Updates for the NCAR Auto-Nowcaster system	90th RCC-Meteorology Group Conference	Fort Walton Beach	FL	USA	RAL	NSAP
Scheitlin	Tim	Vislab demo	Vic Salva and colleague from Cherry Creek School District	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Pentagon/Airforce visitors + RAL staff	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	CU Recruiting Prospects	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	US Attorneys visiting with Katie Schmoll	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Francois Vandenberghe (RAL) and French Navy visitor	Boulder	CO	USA	CISL	SCD

Scheitlin	Tim	Vislab demo	H. Weber (DWD)	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Xcel Energy Execs visiting with Katie Schmoll	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Vic Salva and Kent Tamsen, Director of Educational Technology at the Colorado Department of Education	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	RAL staff and visitors from the American Statistical Association Conference	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	RMS visitors	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	National Fire Protection Association	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Wall Street on Demand	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Reinhard Budich of Max Planck Institute	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	CRIEPI	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	ISSE Summer Colloquium '06 - Climate & Health	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	General Kelly (NOAA), Sandy McDonald + other NOAA Staff	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Garret Graves, Chad English, Denise Edwards, Jason Robertsons + Other Govt. Staffers	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	IAI Colloguim Visitors	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	CSIA demo	CSIA Attendees	Denver	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Taiwan CAA Visitors	Boulder	CO	USA	CISL	SCD
Schimmel	David	Complex and Colicated Terrain	IGBP iLEAPS	Boulder	CO	USA	ESSL	CGD
Schimmel	David	Data assimilation for Ameriflux	colleagues	Boulder	CO	USA	ESSL	CGD
Schimmel	David	Parametric carbon data assimilation	students, postdocs	Berkeley	CA	USA	ESSL	CGD
Schimmel	David	The ACME O4 experiment	colleagues	Boulder	CO	USA	ESSL	CGD
Schimmel	David	The carbon cycle and climate change	faculty	Amherst	MA	USA	ESSL	CGD
Schuster	Douglas	Access to Global Radiosonde & Surface Station Observation including ERA-40 Assimilation Model Metadata from NCAR	86th AMS Annual Meeting	Atlanta	GA	USA	CISL	SCD
Shell	Karen	CCSM	Greeley	Breckenridge	CO	USA	SERE/ESSL ASP/CGD	
Shell	Karen	Climate sensitivity to airborne miner		CO	USA	SERE/ESSL ASP/CGD		
Skamarock	William	Experimental High-Resolution NWP: Preliminary Results Using the WRF Model	Japan Meteorological Agency (JMA)	Tokyo		JPN	ESSL	MMM
Skamarock	William	Explicit and semi-implicit NWP integration techniques: Energetics and forecast implications.	scientific conference	Hangzhou		CHN	ESSL	MMM
Skamarock	William	Filtering in High-Resolution NWP Models.	scientific conference	Bad Orb		DEU	ESSL	MMM
Skamarock	William	High-Resolution Numerical Weather Prediction: Are Our Models Adequate?	scientific conference	Yokohama		JPN	ESSL	MMM
Skamarock	William	High-Resolution NWP: Expensive Downscaling or Something More?	Japan Meteorological Research Institute (MRI)	Tsukuba		JPN	ESSL	MMM
Skamarock	William	High-Resolution NWP: Expensive Downscaling or Something More?	Earth Simulator Center	Yokohama		JPN	ESSL	MMM
Skamarock	William	High-Resolution NWP: Expensive Downscaling or Something More?	scientific conference	Seoul		KOR	ESSL	MMM
		High-Resolution NWP: Expensive Downscaling or						

Skamarock	William	Something More?	university	Ames	IA	USA	ESSL	MMM
Skamarock	William	Resolving Clouds in Atmospheric Models	scientific conference	San Diego	CA	USA	ESSL	MMM
Skamarock	William	Transport algorithms for NWP models	scientific conference	Hangzhou		CHN	ESSL	MMM
Smith	Anne	Assessment of mesospheric chemistry from TIMED and global models	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Smith	Anne	Variability of the mesospheric semidiurnal tide associated with planetary waves in the stratosphere	ICMA Workshop on Vertical Coupling in the Atmosphere/Ionosphere System	Vama		BGR	ESSL	ACD
Smolarkiewicz Piotr		Flow past the Pentagon: building resolving large-eddy simulations and comparison with wind tunnel experiments	scientific conference	Boulder	CO	USA	ESSL	MMM
Smolarkiewicz Piotr		Flow past the Pentagon: building resolving large-eddy simulations and comparison with wind tunnel experiments	ETH, Institute of Atmospheric and Climate Sciences	Zurich		CHE	ESSL	MMM
Smolarkiewicz Piotr		Flow past the Pentagon: building resolving large-eddy simulations and comparison with wind tunnel experiments	Rechere Prevision Numerique	Montreal		CAN	ESSL	MMM
Smolarkiewicz Piotr		Modeling tools for the gravity wave problem	Gravity Waves Retreat: Lower-Upper Atmosphere Coupling	Boulder	CO	USA	ESSL	MMM
Smolarkiewicz Piotr		Numerical Simulation of Geophysical Turbulence	scientific conference	Boulder	CO	USA	ESSL	MMM
Smolarkiewicz Piotr		Numerical Simulation of Geophysical Turbulence	university	Boulder	CO	USA	ESSL	MMM
Smolarkiewicz Piotr		Variational methods for elliptic problems in fluid flows	Dept. of Physics, Universite de Montreal	Montreal		CAN	ESSL	MMM
Smolarkiewicz Piotr		Virtual laboratory for research of multi-scale atmospheric flows	Tropical Convection and the weather climate interface Retreat	Boulder	CO	USA	ESSL	MMM
Snyder	Chris	An introduction to data assimilation	scientific colloquium	Boulder	CO	USA	ESSL	MMM
Snyder	Chris	Another look at predictability in flows with many scales	Laboratoire de Meteorologie Dynamique	Paris		FRA	ESSL	MMM
Snyder	Chris	Another look at predictability in flows with many scales	Navel Research Laboratory	Monterey	CA	USA	ESSL	MMM
Snyder	Chris	Assimilation across multiple scales for simulated squall lines	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Snyder	Chris	Data assimilation for hurricane prediction	scientific meeting	Boulder	CO	USA	ESSL	MMM
Snyder	Chris	Different flow regions exciting inertia-gravity waves in idealized baroclinic life cycles	university	Seattle	WA	USA	ESSL	MMM
Snyder	Chris	Emission of inertia-gravity waves by a large-scale dipole vortex	university	Seattle	WA	USA	ESSL	MMM
Snyder	Chris	Ensemble design: Accounting for model error	scientific meeting	Omaha	NE	USA	ESSL	MMM
Snyder	Chris	Gravity-wave emission and propagation in a vortex dipole	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Snyder	Chris	Inertia-Gravity wave generate within a vortex dipole	University	Seattle	WA	USA	ESSL	MMM
Snyder	Chris	Parameter estimation in large atmosphere models	scientific conference	Edinburgh		GBR	ESSL	MMM
Solomon	Stanley	Application of Measured Parameters to Large-Scale Numerical Modeling of Solar-Terrestrial Systems: An Overview	American Meteorological Society Annual Meeting	Atlanta	GA	USA	ESSL	HAO
Solomon	Stanley	Calculation of Thermospheric Neutral Density Secular Change using a Global Mean Upper Atmosphere Model	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Solomon	Stanley	Changes in Solar EUV Produced Conductivities during Geomagnetic Storms: Seasonal Differences	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO

Solomon	Stanley	Global Energetic Proton Precipitation During April 2002 and Its Impact on the Ionosphere-Thermosphere System	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Global-Scale Observations of the Limb and Disk (GOLD): Continuous, Global-Scale Ultraviolet Observations of Earth: The Future for Space Weather Observations	NOAA/SEC Space Weather Week	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Gravity Wave Influence on the Global Structure of the Diurnal Tide in the Mesosphere and Lower Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Impact of the Near-Earth Space Environment on Human Radiation Exposure at Commercial Airline Altitudes	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Inferring Storm-Induced Variations in Thermospheric Composition over Low-Latitudes using Ground-Based Daytime Optical Airglow Emissions	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Initializing the TING model with GAIM Electron Densities during a Geomagnetic Storm	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Ionosphere-Thermosphere Modeling	CISM Annual Site Visit	Boston	MA	USA	ESSL	HAO
Solomon	Stanley	Long Term Observations of the Low Latitude (1,1) Diurnal Migrating Tide from WINDII, HRDI, and TIDI	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Solomon	Stanley	Measurements of the O2(0-0) Atmospheric Band Nightglow Emission by TIMED Doppler Interferometer (TIDI) between 2003-2005	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Solomon	Stanley	Mesospheric and Lower Thermosphere Winds from Space: A Decade and a Half of Observations	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Solomon	Stanley	Modeling the Global Ionosphere using Measured Solar Ultraviolet Irradiance	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Solomon	Stanley	Modeling the Thermospheric Response to Solar and Anthropogenic Forcing	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Solomon	Stanley	Modeling Thermospheric Neutral Density — Past, Present, and Future	Neutral Density Workshop	Colorado Springs	CO	USA	ESSL	HAO
Solomon	Stanley	NASA Thermosphere Ionosphere Mesosphere Energetics and Dynamics (TIMED) Mission: Significant Findings and Evolving Research	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Quantification of the Thermospheric Density Response to Solar Forcing	LWS Thermospheric Density FST Meeting	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Simulation of Neutral Wind Feedback Effect on the Magnetosphere/Ionosphere System during Geomagnetic Disturbances	CISM Advisory Council Meeting	Boston	MA	USA	ESSL	HAO
Solomon	Stanley	Simulations of Ionospheric Storms using a Coupled Magnetosphere-Ionosphere-Thermosphere Model	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Solar Flare Effects on the Thermosphere and Ionosphere	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Solomon	Stanley	Solar Flare Effects on the Thermosphere and Ionosphere	TIMED/SEE Science Team Meeting	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Solar-Terrestrial Physics at the National Center for Atmospheric Research	ESSL Advisory Council Meeting	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Status of Ionosphere-Thermosphere Modeling: What's Missing?	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	The Climatology of Neutral Winds in the MLT Region as Observed From Orbit	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	The Mesospheric Wind Field as Measured by TIMED/TIDI and UARS/HRDI from 2002 to 2005	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	The Nightglow Measurements of the O2(0-0) Atmospheric Band by TIMED Doppler Interferometer (TIDI)	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Solomon	Stanley	The Virtual Solar-Terrestrial Observatory: How is the Paradigm Working?	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Thermospheric Response to Solar EUV during Quiet and Flare Conditions	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	TIDI Broadband Neutral Wind Data and Comparison with Ground-Based Radar Neutral Wind Measurements from Different Latitudes	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	TIMED Doppler Interferometer (TIDI) Neutral Wind Multi-Year Tidal Analysis and Comparison with TIMEGCM Results	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Solomon	Stanley	Upper Atmosphere Models at the National Center for Atmospheric Research	Coordinated Community Modeling Center Workshop	Clearwater Beach	FL	USA	ESSL	HAO

Solomon	Stanley	Upper Atmosphere Response to Solar Irradiance Variation - A Review of Progress in the International TIGER Program	36th COSPAR Scientific Assembly	Beijing	CHN	ESSL	HAO	
Solomon	Stanley	Viscosity and the Vertical Profile of Horizontal Thermospheric Winds	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Solomon	Stanley	Who Cares About Flares?	LASP Seminar	Boulder	CO	USA	ESSL	HAO
Spuler	Scott	High-energy Multi pass Forward Raman Shifter As an Eye-safe Laser Source for Lidar	NCAR	Boulder	CO	USA	EOL	ISF
St-Cyr	Amik	Taking your science to the next level: On the path to petascale computing, a high-order optimized Schwartz algorithm for massively parallel climate modeling	12th Annual San Diego Supercomputer Center Summer Institute	San Diego	CA	USA	CISL	SCD
St-Cyr	Amik	Performance of optimized Schwarz in a massively parallel next generation climate model	17th International conference on Domain Decomposition Methods	Strohbl		AUT	CISL	SCD
St-Cyr	Amik	A study of adaptive non-conforming GCMs for climate modeling	PDEs on the sphere 2006	Monterey	CA	USA	CISL	SCD
St-Cyr	Amik	Operator splitting for high-order adaptive mesh refinement on the sphere	Korean SIAM Spring 2006 Conference	Daegu		KOR	CISL	SCD
St-Cyr	Amik	From Algebraic to high-order, overlap free, optimized Schwarz methods	University of Colorado Applied Mathematics Seminar	Boulder	CO	USA	CISL	SCD
St-Cyr	Amik	Optimized Schwarz methods for high order spectral elements	Climate Modeling Systems Winter Meeting 2005	Victoria		CAN	CISL	SCD
St-Cyr	Amik	Modeling with HOMME on BlueGene/L	Super Computing 2005	Tacoma	WA	USA	CISL	SCD
Stephens	Britton	A Regional Atmospheric Continuous CO ₂ Network in the Rocky Mountains (Rocky RACCOON)	scientists	Boulder	CO	USA	ESSL	TIIME
Stephens	Britton	A Regional Atmospheric Continuous CO ₂ Network in the Rocky Mountains (Rocky RACCOON)	scientists	Santa Fe	NM	USA	ESSL	TIIME
Stephens	Britton	An Autonomous Inexpensive Robust CO ₂ Analyzer (AIRCOA)	scientists	Boulder	CO	USA	ESSL	TIIME
Stephens	Britton	An Autonomous Inexpensive Robust CO ₂ Analyzer (AIRCOA)	scientists	Hyytiälä		DEU	ESSL	TIIME
Stephens	Britton	Carbon Cycle Observation Advances at NCAR	government	Boulder	CO	USA	ESSL	TIIME
Stephens	Britton	Carbon Cycle Observations and Instrumentation	NCAR Directors	Boulder	CO	USA	ESSL	TIIME
Stephens	Britton	Preliminary Data and Reproducibility Metrics from Rocky RACCOON	workshop	Boulder	CO	USA	ESSL	TIIME
Stephens	Britton	Preliminary Data, Reproducibility Metrics, and Representivity from Rocky RACCOON	workshop	Boulder	CO	USA	ESSL	TIIME
Strand	Warren	Climate Model Data Management	EGU 2006	Vienna		AUT	ESSL	CGD
Sullivan	Peter	Momentum flux structures and statistics in low-wind marine surface layers 27th hurricane and tropical meteorology	scientific meeting	Monterey	CA	USA	ESSL	MMM
Sullivan	Peter	Subfilter scale fluxes in the marine surface layer: Results from the ocean horizontal array turbulence study ONR PI meeting	scientific meeting	La Jolla	CA	USA	ESSL	MMM
Sullivan	Peter	High wind LES of ocean mixed layers	scientific meeting	Boulder	CO	USA	ESSL	MMM
Sullivan	Peter	Subfilter scale fluxes in the marine surface layer: Results from the ocean horizontal array turbulence study, 17th Boundary layers and turbulence	scientific meeting	San Diego	CA	USA	ESSL	MMM
Sun	Juanzhen	Assimilation of radar data into NWP models	Scientific conference	Albuquerque	NM	USA	ESSL	MMM
Sun	Jielun	CO2 Transport over Complex Terrain	Scientific conference	Boulder	CO	USA	ESSL	MMM
Sun	Jielun	Contributions of Swell to Air-Sea Interactions Under Weak Wind Conditions	Scientific conference	Monterey	CA	USA	ESSL	MMM

	Sun	Juanzhen	Impact of TAMDAR data on prediction of storm initiation	AirDat, LLC	Lakewood	CO	USA	ESSL	MMM
	Sun	Jielun	Intermittent Turbulence in Stable Boundary Layers and its Influence on Turbulence Parameterization	Scientific conference	San Diego	CA	USA	ESSL	MMM
	Sun	Juanzhen	NCAR modeling efforts	scientific meeting	Boulder	CO	USA	ESSL	MMM
	Sun	Juanzhen	NCAR's 4-D Variational radar data assimilation system	Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	MMM
	Sun	Juanzhen	Storm-scale data assimilation and its impact on numerical prediction on thunderstorms	Scientific conference	Atlanta	GA	USA	ESSL	MMM
	Sun	Jielun	Trace Gas Transport over Complex Terrain	Scientific conference	San Francisco	CA	USA	ESSL	MMM
	Sun	Juanzhen	VDRAS - Applications on initialization and forecasting of convection	NCAR symposium	Boulder	CO	USA	ESSL	MMM
	Sun	Juanzhen	Very short range forecasting of precipitation: Comparing NWP and extrapolation techniques	scientific conference	Atlanta	GA	USA	ESSL	MMM
	Tebaldi	Claudia	Beyond mean climate change: What climate models tell us about future climate extremes	Workshop on assessing modeling and monitoring the Impacts of Extreme Climate Events	Hamilton		BMU	SERE	ISSE
	Tebaldi	Claudia	Assessment methods products and tools	ISSE advisory panel	Boulder	CO	USA	SERE	ISSE
	Tebaldi	Claudia	Model uncertainty and Extremes	Weather and Climate Assessment Program meeting	Boulder	CO	USA	SERE	ISSE
	Tebaldi	Claudia	Regional probabilities of climate change and water resources management	EGU	Vienna		AUT	SERE	ISSE
	Tebaldi	Claudia	Characterizing future changes in heat waves characteristics from GCM output	Extremes Reading Group	Boulder	CO	USA	SERE	ISSE
	Tebaldi	Claudia	A Bayesian approach to inferring climate from climate models	Applied math & Stat department, UCSC	Santa Cruz	CA	USA	SERE	ISSE
	Tebaldi	Claudia	What is the optimal number in an ensemble	2006 CCSM Workshop	Breckenridge	CO	USA	SERE	ISSE
	Tebaldi	Claudia	In my backyard: Uncertainty and modeling regional climate change	2006 Summer Colloquium on Climate and Health	Boulder	CO	USA	SERE	ISSE
	Tebaldi	Claudia	Probabilistic projections of climate change	Joint Statistical Meetings	Seattle	WA	USA	SERE	ISSE
	Thornton	Peter	Interactions between terrestrial carbon and nitrogen cycles and the climate system	scientists	Boulder	CO	USA	ESSL	CGD
	Thornton	Peter	BGC plans for January 1 coupling	scientists	Boulder	CO	USA	ESSL	TIIMES
	Thornton	Peter	BGC plans for January 1 coupling	scientists	Boulder	CO	USA	ESSL	CGD
	Thornton	Peter	BGC: a Grid-enabled research platform for high-resolution surface weather interpolation and biogeochemical process modeling	scientists	College park	MD	USA	ESSL	TIIMES
	Thornton	Peter	Carbon-nitrogen cycle interactions, ozone stress, and N emissions speciation	workshop	Boulder	CO	USA	ESSL	TIIMES
	Thornton	Peter	Carbon-nitrogen cycle interactions, ozone stress, and N emissions speciation.	CCSM Chemistry Climate Working Group meeting	Boulder	CO	USA	ESSL	CGD
	Thornton	Peter	CLM-CN update: sensitivity to CO2, temperature, and precipitation in C-only vs. C-N mode	CCSM Biogeochemistry Working Group	Boulder	CO	USA	ESSL	CGD/TIIMES
	Thornton	Peter	Grid-BGC: a Grid-enabled research platform for high-resolution surface weather interpolation and biogeochemical process modeling	Earth Science Technology Conf	College Park	MD	USA	ESSL	CGD
	Thornton	Peter	Interactions between disturbance, and anthropogenic and experimental increases in CO2 and nitrogen deposition	scientists	Boulder	CO	USA	ESSL	TIIMES
	Thornton	Peter	Interactions between disturbance, and anthropogenic and experimental increases in CO2 and nitrogen deposition	AmeriFlux Annual Meeting	Boulder	CO	USA	ESSL	CGD
	Thornton	Peter	Interactions between terrestrial carbon and nitrogen cycles and the climate system	scientists	Boulder	CO	USA	ESSL	TIIMES
	Thornton	Peter	Preliminary results from C-LAMP intercomparison	scientists	Breckenridge	CO	USA	ESSL	TIIMES
	Thornton	Peter	Preliminary results from C-LAMP intercomparison	CCSM Meeting Participants	Breckenridge	CO	USA	ESSL	CGD
	Thornton	Peter	Prognostic vs. diagnostic canopy treatment in CCSM	scientists	Boulder	CO	USA	ESSL	TIIMES
	Thornton	Peter	Prognostic vs. diagnostic canopy treatment in CCSM	CGD Research Reports	Boulder	CO	USA	ESSL	CGD

Thornton	Peter	Recent science modifications to Biome-BGC. Biome	workshop	Missoula	MT	USA	ESSL	TIIMES
Thornton	Peter	Recent science modifications to Biome-BGC. Biome-BGC Developers Meeting	scientists	Missoula	MT	USA	ESSL	CGD
Thornton	Peter	Terrestrial carbon- nitrogen cycle coupling and interactions with the climate system	scientists	St. Louis	MO	USA	ESSL	TIIMES
Thornton	Peter	Terrestrial carbon-nitrogen cycle coupling and interactions with the climate system	American Geophysical Union	San Francisco	CA	USA	ESSL	CGD
Thornton	Peter	Terrestrial carbon-nitrogen cycle coupling and interactions with the climate system	American Association for the Advancement of Science	St. Louis	MO	USA	ESSL	CGD
Thornton	Peter	Terrestrial carbon- nitrogen cycle coupling and interactions with the climate system.	scientists	San Francisco	CA	USA	ESSL	TIIMES
Thornton	Peter	The Art of Climate Modeling	scientists	Boulder	CO	USA	ESSL	TIIMES
Thornton	Peter	The Art of Climate Modeling	ASP Colloquium	Boulder	CO	USA	ESSL	CGD
Tie	Xuexi	Impact of biogenic emissions on chemical oxidants and its inventory over China	Annual AGU Pacific West meeting	Beijing		CHN	ESSL	ACD
Tomas	Robert	Paleoclimate Simulations at NCAR	Climate Modeling Workshop	Mexico City		MEX	ESSL	CGD
Tomczyk	Steven	Coronal Magnetic Field Measurement	Boulder Solar Day	Boulder	CO	USA	ESSL	HAO
Trenberth	Kevin	Anticipated and Observed Trends in the Global Hydrological Cycle	NOAA Climate Diagnostics Center Seminar	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	Changes in Hurricanes and Storms with Climate Change	Victoria University	Wellington		NZL	ESSL	CGD
Trenberth	Kevin	Climate Considerations for Network Operating Strategies	Global Climate Observing System "Workshop on "Reference Upper Air Observations for the Global Climate Observing System: Potential Technologies and Networks	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Global Climate Change and Drought in the West	Northwest Fisheries Science Center	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Hurricanes and Climate Change	University of Washington Dept. of Atmospheric Science	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Hurricanes and Climate Change	Joint MMM and CGD Science Social	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	Hurricanes and Global Climate Change	Robert E. Dickinson Symposium, Georgia Tech. University	Atlanta	GA	USA	ESSL	CGD
Trenberth	Kevin	Hurricanes: Are they Changing and Are we Adequately Prepared for the Future	American Meteorological Society's Environmental Science Seminar Series	Washington	DC	USA	ESSL	CGD
Trenberth	Kevin	Issues in Hurricane Research	National Science Board Hurricane Workshop	Washington	DC	USA	ESSL	CGD
Trenberth	Kevin	Observations and their Analysis for WCRP/COPES	Climate Research Committee, National Research Council	Washington	DC	USA	ESSL	CGD
Trenberth	Kevin	Observations and their Analysis for WCRP/COPES	OCD WCRP Meeting	Washington	DC	USA	ESSL	CGD
Trenberth	Kevin	Observations and their Analysis for WCRP/COPES	WCRP WGCM/WMP Meeting	Exeter		GBR	ESSL	CGD
Trenberth	Kevin	Observations and their Analysis for WCRP/COPES	WCRP Reanalysis Conference	Reading		GBR	ESSL	CGD
Trenberth	Kevin	Observations of Global Climate Change and Drought	Western Coalition of Arid States Meeting	Denver	CO	USA	ESSL	CGD
Trenberth	Kevin	Observed Climate Change	8 th International Conference on Southern Hemisphere Meteorology and Oceanography	Foz do Iguacu	BRA	ESSL	CGD	
Trenberth	Kevin	Science of Climate Change	Joint Inter-American Institute (IAI) - NCAR Advanced Study Program (ASP) Colloquium "Policy Planning and Decision Making Involving Climate Change and Variability	Keystone	CO	USA	ESSL	CGD
Trenberth	Kevin	Status of Review Comments on IPCC AR4, Chapter 3	Lead Authors	Bergen		NOR	ESSL	CGD

Trenberth	Kevin	The Earth's Climate System: Variability and Change	NCAR Summer Colloquium on Climate and Health	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	The Flow of Energy Through the Earth's Climate System and Implications for Climate Change	Peter Schroeder Colloquium, Michigan State University	East Lansing	MI	USA	ESSL	CGD
Trenberth	Kevin	The Role of Hurricanes in Climate	NOAA Postdoc Retreat Participants	Steamboat Springs	MD	USA	ESSL	CGD
Trenberth	Kevin	The Role of Hurricanes in the Climate System	IMAGe Theme of the Year Workshop	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	The Science of Global Climate Change and Human Influences	University of Canterbury	Christchurch		NZL	ESSL	CGD
Trenberth	Kevin	WCRP Observation and Assimilation: Needs and Shortcomings in the Data	Achieving Satellite Instrument Calibration for Climate Change (ASIC ³) Workshop	Lansdowne	VA	USA	ESSL	CGD
Trenberth	Kevin	WCRP Perspective on Reanalysis and Reprocessing for Climate	Workshop on "The Development of Improved Observational Datasets for Reanalysis"	Washington	DC	USA	ESSL	CGD
Trenberth	Kevin	What is the Role of Hurricanes in Global Climate	ECMWF David Anderson Retirement Seminar	Reading		GBR	ESSL	CGD
Tribbia	Joseph	Climate and weather: Mathematical challenges past and future	Illinois Institute of Technology	Chicago	IL	USA	ESSL	CGD
Tribbia	Joseph	Current status of stochastic terms in weather and climate models	ARCC workshop	Palo Alto	CA	USA	ESSL	CGD
Trier	Stanley	Convective Initialization (Some Theory and Fundamentals)	scientific colloquium	Boulder	CO	USA	ESSL	MMM
Trier	Stanley	Life cycle of Warm Season Mid Latitude Convection	scientific colloquium	Boulder	CO	USA	ESSL	MMM
Tufo	Henry	A Discontinuous Galerkin Dynamical Core for Atmospheric Model	Department of Earth, Atmospheric and Planetary Sciences, Massachusetts Institute of Technology	Cambridge	MA	USA	CISL	SCD
Tufo	Henry	System Software Issues for the Future	3 rd BG/L Systems Software and Applications Workshop	Tokyo		JPN	CISL	SCD
Tufo	Henry	HOMME: A High-Performance Scalable Atmospheric Modeling Framework	12th Annual Society for Industrial and Applied Mathematics Conference on Parallel Processing for Scientific Computing	San Francisco	CA	USA	CISL	SCD
Tufo	Henry	Computational Science - Support NCAR's Mission as Integrator	National Center for Atmospheric Research Appointment Review Group	Boulder	CO	USA	CISL	SCD
Turnipseed	Andrew	Controls over the uptake of ozone at	Boulder	CO	USA	ESSL	ACD	
Turnipseed	Andrew	Controls over the uptake of ozone at a high-elevation subalpine forest	scientists	Boulder	CO	USA	ESSL	ACD/TIIMES
Vivekanandan	Jothiram	Automatic Classification of Hydrometeor Types Using Polarization Radar Observations	23rd International Radar Conference	Nara		JPN	EOL	RSF
Vivekanandan	Jothiram	Remote Estimation of Supercooled Liquid Droplets and Liquid Water Content	International Geoscience and Remote Sensing Symposium	Denver	CO	USA	EOL	RSF
Vivekanandan	Jothiram	Radar Reflectivity Calibration Using Differential Propagation Measurement	Univ. of Wyoming	Laramie	WY	USA	EOL	RSF
Vivekanandan	Jothiram	Rain rate Estimation Using Polarization Radar Measurements	Chinese Culture Univ.	Taipei		TWN	EOL	RSF
Vivekanandan	Jothiram	Remote Estimation of Cloud Liquid and Droplet Size Estimation from Radar and Satellite Measurements	National Central Univ.	Taipei		TWN	EOL	RSF
Wang	Junhong	A global, 2-hourly atmospheric precipitable water dataset from ground-based GPS measurements for diurnal cycle and other climate studies	university	Atlanta	GA	USA	ESSL	TIIMES
Wang	Junhong	A global, 2-hourly atmospheric precipitable water dataset from ground-based GPS measurements for diurnal cycle studies	university	Monterey	CA	USA	ESSL	TIIMES
Wang	Junhong	A global, 2-hourly atmospheric precipitable water dataset from IGS ground-based GPS measurements: Scientific applications and Future needs	university	Darmstadt		DEU	ESSL	TIIMES
Wang	Wenbin	A Study of the Magnetosphere-Ionosphere-Thermosphere Coupling and its Impact on Lower Latitude Ionosphere	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wang	Wenbin	CISM Space Weather Modeling of the Sun-to-Earth System	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wang	Wenbin	Day-to-Day Variations of Mid-Latitude F2 Peak Densities Simulated by NCAR-TIMEGCM	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Wang	Wenbin	Electron Densities Variations during the April 2004 Geomagnetic Storm Event	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO

Wang	Wei	Experimental High-Resolution Real-Time Hurricane Forecasts using WRF	scientific conference	New Delhi	IND	ESSL	MMM	
Wang	Junhong	Physical processes controlling warm-season precipitation diurnal cycle in the central U.S.	university	Monterey	CA	USA	ESSL	TIIMES
Wang	Wenbin	Space Weather Modeling: A Unified Approach from Sun to Earth	Institute of Geophysics and Geology, Chinese Academy of Sciences	Beijing	CHN	ESSL	HAO	
Wang	Junhong	Validations of global radiosonde humidity data using ground-based GPS measurements	scientists	Boulder	CO	USA	ESSL	TIIMES
Wang	Wenbin	Viscosity and the Vertical Profile of Horizontal Thermospheric Winds	Fall AGU	San Francisco	CA	USA	ESSL	HAO
Warner	Thomas	Challenges in arid land meteorology	American Geophysical Union	San Francisco	CA	USA	RAL	NSAP
Warner	Thomas	Challenges in arid land meteorology	Yale University, Department of Geophysics	New Haven	CN	USA	RAL	NSAP
Warner	Thomas	Challenges in arid land meteorology	US-Egypt Workshop on Predictive Measures for Global Weather Related Disaters	Cairo	EGT	RAL	NSAP	
Warner	Thomas	Multi-scale weather analyses, forecasts and climatologies	6th International Conference on Urban Climate	Gothenberg	SWE	RAL	NSAP	
Warner	Thomas	A climate analysis tool for assessing the vulnerability of a region to a variety of disaters	Conference of Dynamics of Disasters	Athens	GRE	RAL	NSAP	
Warner	Thomas	An operational building-scale forecasting system: Pentagon Shield	6th Symposium on the Urban Environment	Atlanta	GA	USA	RAL	NSAP
Warner	Thomas	The simulation of urban atmospheric processes	11th International Test and Evaluation Assocation Workshop on Modeling and Assimilation	Las Cruces	NM	USA	RAL	NSAP
Washington	Warren	Climate change simulations of the 20th and 21st century: Present and Future	Fermilab	Chicago	IL	USA	ESSL	CGD
Washington	Warren	Climate Modeling of the 20th and 21st Centuries	Scripps Institution of Oceanography	La Jolla	CA	USA	ESSL	CGD
Washington	Warren	Climate Modeling of the 20th and 21st Centuries	SOLAR2006 Workshop	Denver	CO	USA	ESSL	CGD
Washington	Warren	Computer modeling of 20th and 21st century climate change	University of Utah S. J. Quinney College of Law	Salt Lake City	UT	USA	ESSL	CGD
Washington	Warren	Cooperative Agreement for the Climate Change Prediction Program	DOE CCCP Science Team Mtg.	Cambridge	MA	USA	ESSL	CGD
Washington	Warren	Global and regional climate change: Present and future	NOAA Workshop	St. Petersburg	FL	USA	ESSL	CGD
Washington	Warren	Long lived digital data collections: Enabling research and education in the 21st century	AAAS Annual Meeting	St. Louis	MO	USA	ESSL	CGD
Washington	Warren	New climate change findings and future plans: Emphasis on northern hemisphere storm intensity	AMS Annual Meeting	Atlanta	GA	USA	ESSL	CGD
Washington	Warren	Present and future status of climate change computer models	Climate Change and the Future of the American West: Exploring the Legal and Policy Dimensions, University of Colorado Law School	Boulder	CO	USA	ESSL	CGD
Washington	Warren	Testimony for NSF/NSB	Senate Commerce, Science and Transportation Committee of Science and Space	Washington	DC	USA	ESSL	CGD
Washington	Warren	What do climate models require from aerosol researchers	DOE ASP Science Team Meeting	Washington	CO	USA	ESSL	CGD
Washington	Warren	What should we do about future climate change?	Towards 2020 Science Forum	Venice	ITA	ESSL	CGD	
Weckwerth	Tammy	The Influence of Scale Interactions on Convection Initiation during IHOP_2002	European Geophy sical Union	Vienna	AUS	EOL	RSF	
Weckwerth	Tammy	EOL: Science an d Instruments	NCAR	Boulder	CO	USA	EOL	RSF
Weisman	Morris	Experiences with 0-36 hour explicit convective forecasting with the WRF-ARW model: A vision of the future?	scientific conference	Atlanta	GA	USA	ESSL	MMM
Weisman	Morris	Experiences with 0-36 hour explicit convenctive forecasting with WRF-ARW model	scientific conference	St. Louis	MO	USA	ESSL	MMM
Weisman	Morris	Experiences with 0-36 hour explicit convenctive forecasting with WRF-ARW model	National Weather Association	St. Louis	MO	USA	ESSL	MMM
		Experiences with 0-36 hour explicit convenctive forecasting						

Weisman	Morris	with WRF-ARW model	scientific conference	Albuquerque	NM	USA	ESSL	MMM
Weisman	Morris	Experiences with 0-36 hour explicit convective forecasting with WRF-ARW model	NCAR seminar	Boulder	CO	USA	ESSL	MMM
Weisman	Morris	Systematic Boundary-layer biases in the WRF-ARW real-time convective forecasts	scientific conference	Boulder	CO	USA	ESSL	MMM
Weisman	Morris	The convective forecast challenge	scientific symposium	Boulder	CO	USA	ESSL	MMM
Wiedinmyer	Christine	Estimating the impact of biogenic sesquiterpene and fire emissions to organic aerosol concentrations	AAAR Annual Meeting	Austin	CO	USA	ESSL	ACD/TIIMES
Wiedinmyer	Christine	Fire emissions from North America: A simple modeling approach	EPA Emission Inventory Conference	New Orleans	CO	USA	ESSL	ACD/TIIMES
Wiedinmyer	Christine	Understanding and Quantifying Biosphere-Atmosphere Interactions	NCAR	Boulder	CO	USA	ESSL	ACD/TIIMES
Wigley	Tom	Accounting for model uncertainties in an assessment of factors affecting tropical storm intensity	NCAR Climate & Weather Assessment Program (CWAP) meeting	Boulder	CO	USA	ESSL	CGD
Wigley	Tom	An overview of 'dangerous climate change'	COP 11 side event	Montreal		CAN	ESSL	CGD
Wigley	Tom	Anthropogenic influences on tropical storm intensity	BMRC (Bureau of Meteorology Research Centre)	Melbourne	AUS	ESSL	CGD	
Wigley	Tom	Carbon-free energy requirements for CO2 stabilization "The world saved by technology"	Spoletto Scienza Symposium	Spoletto		ITA	ESSL	CGD
Wigley	Tom	Developing scenarios for future climate in the Aspen area	Aspen Climate Impact Meeting	Aspen	CO	USA	ESSL	CGD
Wigley	Tom	Saving the planet: Emissions scenarios, stabilization issues, and uncertainties	NCAR Summer Colloquium on Climate and Health	Boulder	CO	USA	ESSL	CGD
Wigley	Tom	Simple Climate Models	ASP Summer Colloquium	Boulder	CO	USA	ESSL	CGD
Wigley	Tom	The benefits of climate mitigation	Cost of Inaction Workshop, German Institute for Economic Research (DIW)	Berlin		DEU	ESSL	CGD
Wigley	Tom	User-friendly software for estimating future changes in climate and associated uncertainABARE Outlook 2006 Conferenceties		Canberra		AUS	ESSL	CGD
Wigley	Tom	Using MAGICC/SCENGEN in Integrated Assessment Modelling	ABARE (Australian Bureau of Agricultural and Resource Economics)	Canberra		AUS	ESSL	CGD
Wigley	Tom	Using MAGICC/SCENGEN to estimate future climate Aspen Climate Impact Meetingand its uncertainties in the Aspen area	Aspen Climate Impact Meeting	Aspen	CO	USA	ESSL	CGD
Wilhelmi	Nathan	Grid-BGC: A Grid-enabled Res Platform for High Resolution	Earth Sun Technology	Baltimore	MD	USA	CISL	SCD
Wilhelmi	Olga	Scope of Meteo/ GIS in the International Context	KNMI, ADAGUC Workshop	De Bilt		NLD	SERE	ISSE
Wilhelmi	Olga	Weather and Clim ate Data Model	ESRI User Conference	San Diego	CA	USA	SERE	ISSE
Wilhelmi	Olga	A flash flood risk a sssessment for the Colorado Front range using GIS	EGU	Vienna		AUT	SERE	ISSE
Wilhelmi	Olga	Investigating imp acts of climate change: a role for GIS	EGU	Vienna		AUT	SERE	ISSE
Wilhelmi	Olga	Distributing CCSM -3 climate change scenarios to a GIS community	UNFCCC COP11	Montreal		CAN	SERE	ISSE
Williams	John	NEXRAD Turbulence Detection Algorithm	Taiwan visitors	Boulder	CO	USA	RAL	AAP
Williams	John	Overview of FAA turbulence avoidance goals and approach	CIT Mini-workshop	Boulder	CO	USA	RAL	AAP
Williams	John	Applications and Challenges for Data Mining in the Environmental Sciences	University of Denver	Denver	CO	USA	RAL	AAP
Williams	John	NEXRAD Turbulence Detection Algorithm Implementation	NEXRAD Software Recommendation and Evaluation	Norman	OK	USA	RAL	AAP

			in the ORPG (CCR NA06-09601)	Committee					
Williams	John	Design Review: NEXRAD Turbulence Detection Algorithm	NWS Radar Operations Center and Office of Science and Technology personnel	various (tele-conference)	USA	RAL	AAP		
Williams	John	NEXRAD Turbulence Detection Algorithm	RAL all-staff meeting	Boulder	CO	USA	RAL	AAP	
Williams	John	Presentation for TAC Recommendation on Technical Readiness for Integration into the WSR-88D Baseline: NCAR Turbulence Detection Algorithm	NEXRAD Technical Advisory Committee	Norman	OK	USA	RAL	AAP	
Williams	John	NEXRAD Detection of Hazardous Turbulence	AIAA 44th Annual Aerospace Sciences Meeting and Exhibit	Reno	NV	USA	RAL	AAP	
Williams	John	Machine Learning: Philosophy and Practice	RAL all-staff retreat	Estes Park	CO	USA	RAL	AAP	
Williamson	David	Comparison of CAM3 Parameterization Errors in Different Regions and for Different Regimes	EGU General Assembly	Vienna		AUT	ESSL	CGD	
Williamson	David	Initial Error Growth (CAPT)	Joint meeting of CCSM Ocean Working Group and Tropical Variability Task Team	Boulder	CO		ESSL	CGD	
Williamson	David	Using NWP Type Simulations for Evaluating Parameterizations	SPARC-GEWEX/GCSS-IGAC Invitational workshop: Modelling of Deep Convection and of Chemistry and their Roles in the Tropical Tropopause Layer	Victoria		CAN	ESSL	CGD	
Wilson	James	Very Short Period (0-6) Forecasts of thunderstorm	Korea/US workshop	Seoul		KOR	RAL	HAP	
Wilson	James	Experiments in 1-6 h Nowcasting.	Aviation Conf	Atlanta	GA		RAL	HAP	
Wilson	James	Experiments in 1-6 h Nowcasting.	radar conf	Albuquerque	NM		RAL	HAP	
Wilson	James	Use of models in Nowcasting Convective storms	workshop	Taipei		TWN	RAL	HAP	
Wilson	James	Blending radar extrapolation and NWP	ERAD conf	Vbarcelona		ESP	RAL	HAP	
Wiltberger	Michael	Analysis and Visualization of Space Science Data	Numerical Modeling of Space Plasma Flows	Palm Springs	CA	USA	ESSL	HAO	
Wiltberger	Michael	Changes in Solar EUV Produced Conductivities during Geomagnetic Storms: Seasonal Differences	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO	
Wiltberger	Michael	Cluster Observations of Magnetospheric Substorm Expansion and Recovery Phase Features in the Near-and Mid-Tail Regions: Comparison with Numerical Simulations	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO	
Wiltberger	Michael	Contribution of Enhanced Radial Transport to the Acceleration of Radiation Belt Electrons	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO	
Wiltberger	Michael	Convective Injection of Energetic Radiation Belt Electrons Contrasted with Diffusive Loss in the Outer Zone: The Net Effect of Radial Transport	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO	
Wiltberger	Michael	End-to-End Modeling of the Sun-Earth System	11th Quadrennial SCOSTEP Symposium	Rio de Janeiro		BRA	ESSL	HAO	
Wiltberger	Michael	Implementation of Magnetosphere-Ionosphere Coupling in MHD Simulations of the Magnetosphere	Chinese Academy of Sciences	Beijing		CHN	ESSL	HAO	
Wiltberger	Michael	Improving Auroral Precipitation Models in Global Magnetospheric Models	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO	
Wiltberger	Michael	Initial Results from Coupling Magnetosphere, Inner Magnetosphere, Ionosphere, and Thermosphere Models	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO	
Wiltberger	Michael	Introduction to Magnetohydrodynamic Modeling of the Magnetosphere	CISM Modeling Summer School on Space Weather	Boston	MA	USA	ESSL	HAO	
Wiltberger	Michael	LFM Simulation of the AE Index	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO	
Wiltberger	Michael	Magnetopause Reconnection in the LFM	GEM Workshop	Snowmass	CO	USA	ESSL	HAO	
Wiltberger	Michael	MHD Simulation of the Saturation Polar Cap Potentials and the Role of Field-Aligned Currents	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO	
Wiltberger	Michael	Michael	AGU Fall Meeting	San	CA	USA	ESSL	HAO	

				Francisco				
Wiltberger	Michael	Neutral Wind Effects on MI Coupling	LASP Seminar Series, Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Wiltberger	Michael	Polar Cap Potential Response to Solar Wind Driving	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wiltberger	Michael	Simulations of Transpolar Potential Saturation with the LFM Code	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wiltberger	Michael	Status of Ionosphere-Thermosphere Modeling: What's Missing?	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wiltberger	Michael	Tail Current Sheet Under Strong Driving: MHD Simulations and In-Situ Observations Compared	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wiltberger	Michael	Understanding the Response of the Magnetosphere to Modest, Moderate, and Strong Solar Wind IMF Driving	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wiltberger	Michael	Validation Techniques for the MAS Corona Model	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wiltberger	Michael	Viscosity and the Vertical Profile of Horizontal Thermospheric Winds	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wiltberger	Michael	Visualization, Analysis, and Data Mining with the CISM Data Explorer	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Winter	Larry	"International Water Resource Management"		Beijing		CHN	NCAR Directorate	NCAR
Winter	Larry	"Hierarchical Bayesian Models for Scale-Dependent Stochastic Darch Flows"	AGU	Beijing		CHN	NCAR Directorate	NCAR
Winter	Larry	"Comparing Scenarios Through Model Output"	IEMSS		VT	USA	NCAR Directorate	NCAR
Woitaszek	Matthew	Tornado Codes for Archival Storage	THIC - Storage Conference	Boulder	CO	USA	CISL	SCD
Woitaszek	Matthew	GRID-BGC: A Grid-Enabled Terrestrial Carbon Cycle Modeling System	Unidata Seminar Series	Boulder	CO	USA	CISL	SCD
Woitaszek	Matthew	Fault Tolerance of Tornado Codes for Archival Storage	IEEE High Performance Distributed Computing	Paris		FRA	CISL	SCD
Woitaszek	Matthew	Evaluation of RDMA Over Ethernet Technology for Building Cost Effective Linux Clusters	Linux Clusters Institute	Norman	OK	USA	CISL	SCD
Worley	Steven	Development & Futures of Research Data Archives	86th AMS Annual Meeting	Atlanta	GA	USA	CISL	SCD
Worley	Steven	Growing Success for User Access to Climate Data	WMO/WIS	Boulder	CO	USA	CISL	SCD
Worley	Steven	ICODAS Data, Products, and Access	Workshop on Advances in Use of Historical Marine Climate Data (MARCDAT-II)	Exeter		GBR	CISL	SCD
Wu	Qian	A Global Climatology of Semidiurnal Nonmigrating Tides in MLT Winds: Results from TIMED Doppler Interferometer (TIDI)	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wu	Qian	An All-Solid-State Transportable Narrowband Sodium Lidar for Mesopause Region Temperature and Horizontal Wind Measurements	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Wu	Qian	An Solid-State Transportable Narrowband Sodium Lidar for Mesopause Region	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wu	Qian	Coordinated Lidar and TIMED Observations of the Quasi Two-Day Wave during August 2002-2004 and Possible Quasi-biennial Oscillation Influence	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	Coordinated Lidar and TIMED Observations of the Quasi-Two-Day Wave during August 2002-2004 and Possible QBO Influence	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wu	Qian	Diurnal Nonmigrating Tides from TIDI Wind Measurements Monthly Climatologies	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	Diurnal Nonmigrating Tides from TIDI Wind Measurements: Monthly Climatologies	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	Enhancements of OI 630.0 nm Emission and Ionospheric Tomography using GPS STEC Measurements during the Period of the Strong Geomagnetic Storm, 2003 Halloween Event in Korea	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO

Wu	Qian	EOS MLS Observations of Recent Two-Day Wave Events	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	Fabry-Perot Interferometer Observations of the Upper Atmosphere Neutral Winds	Peking Univ. Seminar	Beijing		CHN	ESSL	HAO
Wu	Qian	Fabry-Perot Interferometer Observations of Upper Atmospheric Neutral Winds	Polar Research Institute of China Seminar	Shanghai		CHN	ESSL	HAO
Wu	Qian	Gravity Wave Influence on the Global Structure of the Diurnal Tide in the Mesosphere and Lower Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	Ground Based OH Emission Measurements of Upper Mesospheric Tidal Waves in the Northern High Latitude Between 2001-2005	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wu	Qian	High Latitude Thermospheric Winds: A Multi-Year Study	International Space Weather Conference	Macau		CHN	ESSL	HAO
Wu	Qian	High Latitude Thermospheric Winds: A Multi-Year Study	AGU Western Pacific Geophysics Meeting	Maecau		CHN	ESSL	HAO
Wu	Qian	Long Term Observations of the Low Latitude (1,1) Diurnal Migrating Tide from WINDII, HRDI, and TIDI	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Wu	Qian	Measurements of the O2(0-0) Atmospheric Band Nightglow Emission by TIMED Doppler Interferometer (TIDI) Between 2003-2005	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Wu	Qian	Mesosphere and Lower Thermosphere Winds from Space: A Decade and a Half of Observations	AGU Spring Meeting	Baltimore	MD	USA	ESSL	HAO
Wu	Qian	Mesospheric Doppler Wind Measurements from Microwave Limb Sounder (MLS)	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wu	Qian	Observation of Low Latitude Red Aurora on 29 October, 2003	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Wu	Qian	Observations of Sub-Planetary Scale Diurnal Waves in the Equatorial Mesosphere and Lower Thermosphere	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	Observations of Upper Mesospheric and Lower Thermospheric Temperatures and Winds using Ground-Based Airglow Measurements in the Low and High-Latitude	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Wu	Qian	Satellite Observations Magnetosphere, Ionosphere, and Thermosphere (MIT) Interaction	Chinese Academy of Science Space Weather Team Workshop	Beijing		CHN	ESSL	HAO
Wu	Qian	The Climatology of Neutral Winds in the MLT Region as Observed from Orbit	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	The Mesospheric Wind Field as Measured by TIMED/TIDI and UARS/HRDI from 2002 to 2005	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	The Nightglow Measurements of the O2(0-0) Atmospheric Band by TIMED Doppler Interferometer (TIDI)	CEDAR Workshop	Santa Fe	NM	USA	ESSL	HAO
Wu	Qian	TIDI Broadband Neutral Wind Data and Comparison with Ground Based Radar Neutral Wind Measurements from Different Latitude	AGU Fall Meeting	San Francisco	CA	USA	ESSL	HAO
Wu	Qian	TIMED Doppler Interferometer (TIDI) Neutral Wind Multi-Year Tidal Analysis and Comparison with TIMEGCM Results	36th COSPAR Scientific Assembly	Beijing		CHN	ESSL	HAO
Wyszogrodzki	Andrzej	LES modeling activities in NSAP	RAL/NSAP	Boulder	CO	USA	RAL	NSAP
Wyszogrodzki	Andrzej	Multifunctional CFD modeling in RAL	RAL/NSAP	Boulder	CO	USA	RAL	NSAP
Wyszogrodzki	Andrzej	Assessment and removal of rooftop anemometer observation errors for use in mesoscale NWP and T&D applications	GMU 10th Conference	Fairfax	VA	USA	RAL	NSAP
Wyszogrodzki	Andrzej	The use of coupled mesoscale and LES models for calculating urban climatologies of street-level and boundary-layer winds, with risk-assessment implications	GMU 10th Conference	Fairfax	VA	USA	RAL	NSAP

Wyszogrodzki Andrzej	Large-eddy simulations of urban boundary layers		GMU 10th Conference	Fairfax	VA	USA	RAL	NSAP
Xiao	Qingnong	Recent Studies of Hurricane Initialization Using Variational Data Assimilation Technique	Scientists	Shaighai		CHN	ESSL	MMM
Xiao	Qingnong	Recent Studies of Hurricane Initialization Using Variational Data Assimilation Technique	university	Beijing		CHN	ESSL	MMM
Xu	Mei	Short-term forecasting of winter and summer storms using a mesoscale model and radar data assimilation	AMS Conference on Aviation, Range and Aerospace Meteorology	Atlanta	GA	USA	RAL	HAP
Xu	Mei	A high resolution NWP system with radar data assimilation	FAA Convective Weather Science and Engineering Meeting	Boulder	CO	USA	RAL	HAP
Yeager	Stephen	CORE I & II Experiments in CCSM	CCSM Ocean Working Group	Boulder	CO	USA	ESSL	CGD
Yeager	Stephen	Equatorial Thermocline Variability related to Subtropical Atlantic Spice Formation Zones	US CLIVAR Atlantic Workshop	Venice		ITA	ESSL	CGD
Yeager	Stephen	Global Means and Seasonal to Decadal Variability of Air-Sea Fluxes	CCSM Workshop	Breckenridge CO		USA	ESSL	CGD
Yeager	Stephen	Observational Evidence of Winter Spice Injection	US CLIVAR Salinity and Aquarius Workshop	Falmouth	MA	USA	ESSL	CGD
Yeager	Stephen	Observational Evidence of Winter Spice Injection	CCSM Workshop	Breckenridge CO		USA	ESSL	CGD
Yeager	Stephen	Vertical Resolution Sensitivity in CCSM3 POP	CCSM Workshop Ocean Working Group	Breckenridge CO		USA	ESSL	CGD
Yee	Jaimi	Turbulence Remote Sensing Operational Demonstration	AMS Conference	Atlanta	GA	USA	RAL	AAP
Yin	Jeffrey	Impact of ensemble size on significance of climate change, variability, and extremes	CCSM Climate Change and Climate Variability Working Groups	Breckenridge CO		USA	ESSL	CGD
Yin	Jeffrey	Intercomparison of atmospheric energy transports in CCSM3 and CM2.1	NCAR-GFDL Intercomparison Project Members	Boulder	CO	USA	ESSL	CGD
Yin	Jeffrey	Storm tracks and extreme weather: A dynamical perspective on climate change and its impacts	NOAA Climate Diagnostics Center Seminar	Boulder	CO	USA	ESSL	CGD
Yin	Jeffrey	The dynamics and societal relevance of wind predictions on weekly to seasonal time scales	ISSE Coffee Talk	Boulder	CO	USA	ESSL	CGD
Young	Kate	Benefits and Chal lenges Associated with Implementing a New Sounding System	NCAR	Boulder	CO	USA	EOL	ISF

Non-Scientific Presentations [\(top\)](#)

Employee Last Name	Employee First Name	Presentation Title	Audience	City	State	Country	NCAR Lab	Group
Aguilar	Theresa	Radar and Surf ace Measurements of Boundary Layer Convegence Zones	Oberlin College	Oberlin	OH	USA	EOL	ISF
Ammann	Caspar	Detecting and constraining solar signals in centennial to millennial scale climate variations	ESSL Solar Impacts Workshop, NCAR	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Present, past and future of the Earth's climate: A personal path	NCAR/UCAR Undergraduate Leadership Workshop	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Solar signal in records and simulations of past climates	CU7500 Solar Variability and the Earth's Climate, University of Colorado	Boulder	CO	USA	ESSL	CGD
Andersen	Aaron	Supercomputing Challenges	University of Colorado Students	Boulder	CO	USA	CISL	SCD
Avilez	Tomas	Applications of Absorption Spectroscopy in REAL	NCAR	Boulder	CO	USA	EOL	RSF
Buja	Lawrence	NCAR Data Center	Colorado School of Mines	Golden	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center	Wyoming State Government Officials	Cheyenne	WY	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center	NCAR/UCAR Executives	Boulder	CO	USA	ESSL	CGD

Buja	Lawrence	NCAR Data Center	NCAR/UCAR Executives	Boulder	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center	NCAR Scientists Assembly	Boulder	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center	NCAR	Boulder	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center Funding	Senator Salazar Staffer	Washington	DC	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center Partner Decision	UCAR Presidents Council	Boulder	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center Status - 4 presentations	UCAR Presidents Council	Boulder	CO	USA	ESSL	CGD
Buja	Lawrence	NCAR Data Center Workshop	NSF Geosciences Directorate	Washington	DC	USA	ESSL	CGD
Cavanaugh	Charles	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Colburn	Scot	Movaz WDM/CWD M	Westnet	Boulder	CO	USA	CISL	SCD
Craig	Cheryl	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Craig	Cheryl	HIRDLS Level 2 Pre and Post Retrieval Data Processing	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Craig	Cheryl	Visualization Tools to Represent Aura HIRDLS Data	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Dean	Vince	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Dennis	John	Single Processor Performance II	High performance computing class	Boulder	CO	USA	CISL	SCD
Eden	Thomas	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Francis	Gene	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Gall	Robert	Report of the WRF DTC	WRF ExOB	Boulder	CO	USA	RAL	JNT/DTC
Gall	Robert	What is the Scope of the DTC: A Vision for the Future	WRF ExOB	Boulder	CO	USA	RAL	JNT/DTC
Gall	Robert	A Briefing on the DTC	NSB Visitors	Boulder	CO	USA	RAL	JNT/DTC
Gall	Robert	DTC Core Test Results	NSF	Arlington	VA	USA	RAL	JNT/DTC
Gall	Robert	A Briefing on the DTC	NSF	Arlington	VA	USA	RAL	JNT/DTC
Gall	Robert	Developmental Testbed Center: Preliminary Core Tests Results	WRF ExOB	Washington	DC	USA	RAL	JNT/DTC
Gall	Robert	Proposal for Discussion: Development Test Center	WRF ExOB	Washington	DC	USA	RAL	JNT/DTC
Gall	Robert	Development Test Center: A link between the Research and Operational NWP Communities	Community	Boulder	CO	USA	RAL	JNT/DTC
Gille	John	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Gille	John	HIRDLS Level 2 Pre and Post Retrieval Data Processing	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD

Gille	John	Visualization Tools to Represent Aura HIRDLS Data	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Gillman	Pamela	So I have all this data, now what?	Annual AMS SCD Users Meeting	Atlanta	GA	USA	CISL	SCD
Glantz	Michael	Global Climate Change	Aquarium of the Pacific	Long Beach	CA	USA	SERE	CCB
Glantz	Michael	Katrina Fallacies and Media-Rology	San Francisco Exploratorium	San Francisco	CA	USA	SERE	CCB
Glantz	Michael	Global Climate Change	IBM	Broomfield	CO	USA	SERE	CCB
Glantz	Michael	Katrina and Seasons of Superstorms	San Francisco Exploratorium	San Francisco	CA	USA	SERE	CCB
Glantz	Michael	Partnerships in Practice: Asia Pacific Network	CSD-14 Partnerships Fair	New York	NY	USA	SERE	CCB
Glantz	Michael	What Makes Good Climates Go Bad?	Café Scientifique	Denver	CO	USA	SERE	CCB
Glantz	Michael	The Climate and Hollywood: Global Climate Change in Science and Film	EcoArts Conference	Boulder	CO	USA	SERE	CCB
Gochis	David	Hydroclimatology of the North American Monsoon: Bound by terrain but courted by ENSO?	U. Colorado Hydrology Symposium	Boulder	CO	USA	RAL	HAP
Gochis	David	Concepts and applications of evaporation and evapotranspiration from the land surface	COMET Advanced hydrological sciences course	Boulder	CO	USA	RAL	HAP
Hack	James	Review of the Atmospheric CLIVAR Process Team Activity	CLIVAR Summit	Breckenridge	CO	USA	ESSL	CGD
Hack	James	The Earth Simulator: A Retrospective on the Background, Science Opportunities, and Risks	Colorado State University Distinguished Lecture	Fort Collins	CO	USA	ESSL	CGD
Hack	James	What's So Hard About Simulating Earth's Climate System?	NCAR/IMAGE Theme of the Year Workshop	Boulder	CO	USA	ESSL	CGD
Hannigan	James	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Holland	Greg	Changing Characteristics of Atlantic Hurricanes in a Warming World.	Senate Staffers (Invited by Pew Center)	Washington	DC	USA	ESSL	MMM
Holland	Greg	Changing Characteristics of Hurricanes in a Warming World	Mealeys Insurance Conference	San Antonio	TX	USA	ESSL	MMM
Jensen	Tara	Status Report on Evaluation Efforts for Wyoming Five Year Pilot Program	Pilot Program Tech. Adv. Team	Casper	WY		RAL	HAP
Killeen	Timothy	"Towards a Model of the Coupled Earth System"	Boulder Rotary Club	Boulder	CO	USA	NCAR Directorate	NCAR
Killeen	Timothy	"Building a New Climate Model"	Boulder Valley Rotary Club	Boulder	CO	USA	NCAR Directorate	NCAR
Kleypas	Joan	Effects of ocean acidification on marine calcifiers	press	Vienna		AUS	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	Implications of ocean acidification for marine life	government	Washington	DC	USA	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	Implications of ocean acidification for marine life	government	Washington	DC	USA	ESSL/ SERE	TIIMES/ISSE
Kleypas	Joan	Implications of ocean acidification for marine life	Staffers of US Congressmen and public	Washington	DC	USA	SERE	ISSE
Knieval	Jason	Significant weather at ATEC ranges: survey results	Staff from Army Test and Evaluation Command	Boulder	CO	USA	RAL	NSAP
Knieval	Jason	2006 Forecasters' Conference	Staff from Army Test and Evaluation Command	Boulder	CO	USA	RAL	NSAP

Knievel	Jason	NCAR's Research Applications Laboratory	Student participants in UCAR's Undergraduate Leadership Workshop	Boulder	CO	USA	RAL	NSAP
Knievel	Jason	Mesoscale modeling in RAL with the MM5 and the WRF Model	Members of Israeli Ministry of Defense	Boulder	CO	USA	RAL	NSAP
Knievel	Jason	Ten steps to better technical talks	Attendees of RAL retreat	Estes Park	CO	USA	RAL	NSAP
Krinsky	Charlie	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Krinsky	Charlie	HIRDLS Level 2 Pre and Post Retrieval Data Processing	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Krinsky	Charlie	Visualization Tools to Represent Aura HIRDLS Data	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Laidlaw	Emily	Communicating Users' Environmental Justice Needs: Communication Barriers and Strategies for Low Income and Minority Audiences	WAS*IS Workshop	Boulder	CO	USA	SERE	ISSE/SIP
Laing	Arlene	Engaging the non-meteorology student	scientific training course	Boulder	CO	USA	ESSL	MMM
Lambert	Alyn	Visualization Tools to Represent Aura HIRDLS Data	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Lazo	Jeffrey	Societal Impacts Program	Meteorology Department	University Park	PA	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Evaluation of the Sensitivity of U.S. Economic Sectors to Weather	Meteorology Department	University Park	PA	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Societal Impacts Program	WAS*IS Workshop	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeffrey	Societal Impacts Program	NOAA Administration	Silver Springs	MD	USA	RAL/SERE	WSAP/ISSE
Lee	Hyunah	HIRDLS Level 2 Pre and Post Retrieval Data Processing	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Lee	Hyunah	Visualization Tools to Represent Aura HIRDLS Data	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Levis	Samuel	Interview on Global Warming	IEEE public outreach	Boulder	CO	USA	ESSL	CGD
Levis	Samuel	Interview on Global Warming AND Vegetation	BBC radio	Boulder	CO	USA	ESSL	CGD
Levis	Samuel	Interview on Glob al Warming and Vegetation on BBC Radio	public			GBR	ESSL	TIIMES
Levis	Samuel	Interview on Glob al warming, IEEE public outreach	public				ESSL	TIIMES
Madronich	Sasha	Impactos locales, regionales, y globales de la contaminación atmosférica: Campaña MILAGRO	MIRAGE Field Group	Mexico City		MEX	ESSL	ACD
Marsh	Dan	Sensitivity of trace species to transport and diffusion near the mesopause	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
McGinnis	Seth	Disaster Dynamics: Hurricane Landfall [poster 1]	Serious Games Summit	Washington	DC	USA	SERE	ISSE
McGinnis	Seth	Fishbanks	Humpfrey Fellows	Boulder	CO	USA	SERE	ISSE

McGinnis	Seth	Disaster Dynamics: Hurricane Landfall [poster 2]	Galveston Futures Design Charette	Boulder	CO	USA	SERE	ISSE
McGinnis	Seth	Disaster Dynamics: Hurricane Landfall [talk]	CU-Boulder Lifelong Learning Ctr	Boulder	CO	USA	SERE	ISSE
McInerny	Joe	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
McInerny	Joe	HIRDLS Level 2 Pre and Post Retrieval Data Processing	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
McInerny	Joe	Visualization Tools to Represent Aura HIRDLS Data	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Mearns	Linda	Introducing ISSE	internal NCAR	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	Overview of the Impacts of Climate Change	Senators of France	Boulder	CO	USA	SERE	ISSE
Mearns	Linda	Overview of Assessment Tools Developed at NCAR: Climate Change Scenarios	USDA	Washington	DC	USA	SERE	ISSE
Meehl	Marla	What Do Railroads and High Speed Networks Have in Common	NCAR Undergraduate Leadership Workshop	Boulder	CO	USA	CISL	SCD
Middleton	Don	VisLab Presentation re visualization work being done	Salazar Staff and Hispanic Leaders	Boulder	CO	USA	CISL	SCD
Middleton	Don	VisLab Presentation to the Boulder Homeschool Education Association	Boulder Homeschool	Boulder	CO	USA	CISL	SCD
Morrison	Hugh	Overview of Arctic mixed-phase cloud observations and modeling studies	Stony Brook	NY	USA	SERE/ESSL	ASP/MMM	
Morrison	Hugh	Interactions between the surface, clouds, aerosols, and radiation in a mesoscale model of the western Arctic Climate					DEU SERE/ESSL ASP/MMM	
Moser	Susanne	After the WAS*IS Ecstasy, the Laundry	WAS*IS workshop participants	Boulder	CO	USA	SERE	ISSE
Moser	Susanne	"If I kept silent": Supporting Social Change through Effective Communication of Climate Change	Members of Rachel's Network	Boulder	CO	USA	SERE	ISSE
Nance	Louisa	The WRF Developmental Testbed Center: Current and Future Activities	Community	Boulder	CO	USA	RAL	JNT/DTC
Nardi	Bruno	Creating the Infrastructure for Rapid Application Development and Processing Response to the HIRDLS Radiance Anomaly	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
O'Neil	Peter	Network Path and Application Diagnosis (NPAD)	Westnet	Tempe	AZ	USA	CISL	SCD
O'Neil	Peter	Collaborative Organization	Westnet	Tempe	AZ	USA	CISL	SCD
O'Neil	Peter	NLR/HOPI/UCAID/RONs	Westnet	Tempe	AZ	USA	CISL	SCD
O'Neil	Peter	NLR/HOPI/RONs/GENI/I2 NewNET Update	Westnet	Boulder	CO	USA	CISL	SCD
Petty	Kevin	Vehicle Infrastructure Integration (VII)	non-scientific	Salt Lake	UT	USA	RAL	WSAP

Petty	Kevin	Federal MDSS Prototype Update	non-scientific	Falls Church	VA	USA	RAL	WSAP
Petty	Kevin	Clarus Quality Checking	non-scientific	Falls Church	VA	USA	RAL	WSAP
Pfister	Gabriele	Implications of North American Boreal Fires on Air Quality and Composition in Nearby and Remote Regions	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Pfister	Gabriele	Implications of North American Boreal Fires on Air Quality and Composition in Nearby and Remote Regions	NCAR/ESSL Advisory Panel Meeting	Boulder	CO	USA	ESSL	ACD
Politovich	Marcia	"Progress on InFlight Icing R&D"	Joint Planning and Development Office of the Next-Generation Air Transportation System	Boulder	CO	USA	RAL	AAP
Politovich	Marcia	"Progress on InFlight Icing R&D"	FAA Research, Engineering and Development Advisory Committee	Boulder	CO	USA	RAL	AAP
Politovich	Marcia	"Upgrades to the Current Icing Product"	FAA/NWS Technology Transfer Working Group	Boulder	CO	USA	RAL	AAP
Politovich	Marcia	"InFlight Icing Products"	Weather in the Cockpit Workshop	Boulder	CO	USA	RAL	AAP
Powers	Jordan	Weather Forecasting Support for the USAP: The AMPS Effort	McMurdo General Community	McMurdo		ATA	ESSL	MMM
Rasch	Phillip	An Introduction to the Atmospheric Chemistry and Climate Project of WCRP and IGBP	Atmospheric Chemistry and Climate Organizing Committee Meeting	Boulder	CO	USA	ESSL	CGD
Roberts	Rita	REFRACTT-2006 experiment and initial results	TV and Newspaper Media	Marshall	CO	USA	RAL	HAP
Scheitlin	Tim	Vislab demo	UCAR Board of Trustees	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	National Science Board, Michael Crosby	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Boulder Chamber of Commerce	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Paul Grabhorn	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Queen Noor of Jordan	Boulder	CO	USA	CISL	SCD
Scheitlin	Tim	Vislab demo	Frank Cushing, staff director for the House Appropriations Committee	Boulder	CO	USA	CISL	SCD
Siemens	Pete	Nagios (Breadth/Sharing)	Westnet	Boulder	CO	USA	CISL	SCD
Smith	Anne	Sensitivity of trace species to transport and diffusion near the mesopause	AGU Fall Meeting	San Francisco	CA	USA	ESSL	ACD
Sullivan	Peter	Large eddy simulation and planetary boundary layer turbulence 5 lectures	Post docs/graduate students	Lecce		ITA	ESSL	MMM
Takacs	Agnes	Using in-situ Eddy Dissipation Rate (EDR) observations for turbulence forecast verification.	ARAM	Atlanta	GA	USA	RAL	WSAP
Trenberth	Kevin	Climate Change and Policy	Senior Government Officials	Wellington		NZL	ESSL	CGD

Trenberth	Kevin	Environmental Change: The Science and Human Health Impacts	Congressional Staff	Washington	DC	USA	ESSL	CGD
Trenberth	Kevin	Observations of Global Climate Change and Drought	Five French Senators	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	Observed Changes to the Climate and their Causes	Climate Change and Governance Conference	Wellington		NZL	ESSL	CGD
Trenberth	Kevin	Tribute to Bob Dickinson (poem)	Robert E. Dickinson Symposium, Georgia Tech. University	Atlanta	GA	USA	ESSL	CGD
Trier	Stanley	National Convection Weather Forecast (NCWF)	Helio Emergency Management Weather Summit	Boulder	CO	USA	ESSL	MMM
Wilhelmi	Olga	NCAR GIS Initiative	Jeff Nebsit, NSF	Boulder	CO	USA	SERE	ISSE
Wilhelmi	Olga	Overview of GIS I nitiative	ISSE Advisory Committee	Boulder	CO	USA	SERE	ISSE
Wilhelmi	Olga	GIS in Weather a nd Society	WAS*IS	Boulder	CO	USA	SERE	ISSE

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Employee Last Name	Employee First Name	Role	Full Journal Title	Begin Date	End Date	NCAR Lab	Group
Bonan	Gordon	Editorial board	Global Change Biology	1994	present	ESSL	CGD/TIIMES
Bonan	Gordon	Editorial board	Global Change Biology	1994	2006	ESSL	CGD
Branstator	Grant	Associate Editor	Journal of Climate	2006	2006	ESSL	CGD
Brown	Barbara	Assistant Editor	Weather and Forecasting	2003	2006	RAL	NCAR
Bryan	George	Associate Editor	Monthly Weather Review	2004	ongoing	ESSL	MMM
Casini	Roberto	Editor	ASP Conference Series / Solar Polarization Workshop 4	2005	2006	ESSL	HAO
Deser	Clara	Editor	Journal of Climate	2005	2008	ESSL	CGD
Dudhia	Jimy	Associate Editor	Weather and Forecasting	2004	ongoing	ESSL	MMM

Fasullo	John	Editor	Meteorology and Atmospheric Physics	2002	2006	ESSL	CGD
Gent	Peter	Associate Editor	Journal of Physical Oceanography	1992	2006	ESSL	CGD
Genty	Marc	Technical editor/reviewer	Unfolding IBM eServer Blue Gene Solution IBM Redbook	2005	2006	CISL	SCD
Glantz	Michael	Editorial Board	Advances in Atmospheric Sciences	2000	2006	SERE	CCB
Glantz	Michael	Editorial Board	Sustainability: Science, Practice & Policy	2004	2006	SERE	CCB
Glantz	Michael	Editorial Board	Problems of Desert Development	1994	2006	SERE	CCB
Grabowski	Wojciech	Associate Editor	Journal of the atmospheric sciences	2006	ongoing	ESSL	MMM
Grabowski	Wojciech	Associate Editor	Quarterly Journal of the Royal Meteorological Society	2001	ongoing	ESSL	MMM
Grabowski	Wojciech	Associate Editor	Atmospheric Science Letters	2000	ongoing	ESSL	MMM
Grabowski	Wojciech	Member of the Editorial Board	Acta Geophysica	2003	ongoing	ESSL	MMM
Grabowski	Wojciech	Guest Editor	Atmospheric Research (ICCP Special Issue	2005	2006	ESSL	MMM
Guenther	Alex	Editorial board	Atmospheric Chemistry and Physics	2005	present	ESSL	TIIMES
Guenther	Alex	Editorial board	Atmospheric Environment	2005	present	ESSL	TIIMES
Hacker	Joshua	Associate Editor	Monthly Weather Review	2004	2006	RAL	RAL
Haggerty	Julie	Assoc. Editor	Journal of Atmospheric and Oceanic Technology	2005	2007	EOL	RAF
Haggerty	Julie	Associate Editor	J. Atmos. And Oceanic Tech.	2005	2007	EOL/RAL	RAF/AAP
Heymsfield	Andrew	Editor	Journal of the Atmospheric Sciences	2004	2006	ESSL	MMM
Heymsfield	Andrew	Editor	Atmospheric Research (ICCP Special Issue	1995	ongoing	ESSL	MMM
Hibbard	Kathy	Guest Editor	Ecology	2005	2006	ESSL	CGD
Huang	Xiang-Yu	Editor	The EGGS (Newsletter and information service of the European Geophysics Society)	2002	ongoing	ESSL	MMM
Hurrell	James	Co-Chief Editor	Climate Research: Interactions of Climate with Organisms, Ecosystems and Human Societies	2005	2006	ESSL	CGD
Jochum	Markus	Associate Editor	Journal of Geophysical Research - Oceans	2003	2006	ESSL	CGD
Jochum	Markus	Editor	History of Physical Oceanography	2006	2006	ESSL	CGD
Katz	Richard	Associate Editor	Water Resources	2004	2006	SERE	ISSE
Katz	Richard	Member, Editorial Board	Extremes	1997	2006	SERE	ISSE
Katz	Richard	Member, Editorial Board	Climatic Change	1985	2006	SERE	ISSE
Kiehl	Jeff	Co-Editor	Frontiers in Climate Modeling	2005	2006	ESSL	CGD
Kleypas	Joan	Editor	AGU Monograph - Coral Reefs and Climate Change: Science and Management	2005	2006	ESSL/SERE	TIIMES/ISSE

Kleypas	Joan	Editor	Climate Research	2005	present	ESSL/SERE	TIIMES/ISSE
Kleypas	Joan	editor	Climate Research	2005	2006	SERE	ISSE
Kleypas	Joan	editor	AGU Monograph - Coral Reefs and Climate Change: Science and Management	2005	2006	SERE	ISSE
Lazo	Jeffrey	Co-editor, Special Issue on Hurricanes	Natural Hazards Review	2006	ongoing	RAL/SERE	WSAP/ISSE
Lenschow	Donald	Editorial Board Member	Boundary Layer Meteorology	1995	ongoing	ESSL	MMM
Lenschow	Donald	Editorial Board Member	Journal of Atmospheric Chemistry	1995	ongoing	ESSL	MMM
Liu	Hanli	Associate Editor	Journal of Geophysical Research (Space Physics)	2006	2006	ESSL	HAO
Lu	Gang	Associate Editor	Journal of Geophysical Research (Space Physics)	2002	2006	ESSL	HAO
Lu	Gang	Co-Editor	AGU Monograph on "Corotating Solar Wind Streams and Recurrent Geomagnetic Activity"	2005	2006	ESSL	HAO
Lu	Gang	Coordinator	Special Sections on "Violent Sun-Earth Connection Events of October-November 2003," Journal of Geophysical Research (Space Physics) and Geophysical Research Letters, 2005	2005	2005	ESSL	HAO
Lu	Gang	Associate Editor	Journal of Geophysical Research (Space Physics)	2002	2005	ESSL	HAO
Madronich	Sasha	Guest Editor	Atmospheric Environment	2005	2006	ESSL	ACD
Marsh	Dan	Associate Editor	Journal for Geophysical Research-Atmospheres	2005	2006	ESSL	ACD
Mearns	Linda	Editorial Board	Climatic Change	1990	2006	SERE	ISSE
Mearns	Linda	Editorial Board	Bulletin of the American Meteorological Society	2001	2006	SERE	ISSE
Moser	Susanne	Member, Editorial Board	Communication, Cooperation and Participation (E-Journal	2006	2006	SERE	ISSE
Nychka	Doug	Associate Editor	Journal of American Statistical Association	2003	Ongoing	CISL	IMAGE
Otto-Bliesner	Bette	Guest Editor	Palaeogeography, Palaeoclimatology, Palaeoecology	2004	2006	ESSL	CGD
Pfister	Gabriele	Peer Reviewer	Journal for Geophysical Research	2004	2006	ESSL	ACD
Pouquet	Annick	Associate Editor	Journal of Computational Physics	1993	Ongoing	CISL/ESSL	IMAGE/ESSL
Pouquet	Annick	Associate Editor	Journal of Turbulence	2003	Ongoing	CISL/ESSL	IMAGE/ESSL
Powers	Jordan	Contributor and Editor	Southern Hemisphere THORPEX Science Plan	2006	2006	ESSL	MMM
Randel	William	Associate Editor	Journal of the Atmospheric Sciences	1999	2006	ESSL	ACD
Rasch	Phillip	Member, Advisory Board	Tellus A	1991	2006	ESSL	CGD
Richmond	Arthur	Senior Editor	Journal of Geophysical Research (Space Physics)	2002	2005	ESSL	HAO
Schmel	David	Editor in Chief	Ecological Applications	2001	2006	ESSL	CGD
Schmel	David	Associate editor	Annual Reviews of Environment and Resources	2001	2006	ESSL	CGD
Schmel	David	Member board of reviewing editors	Science Magazine	2005	2006	ESSL	CGD
Skamarock	William	Co-Chief Editor	Monthly Weather Review	2003	2007	ESSL	MMM
Smolarkiewicz	Piotr	Associate Editor	Journal of Computational Physics	1996	ongoing	ESSL	MMM
Smolarkiewicz	Piotr	Associate Editor	International Journal of Applied Mathematics and Computer Science	1996	2005	ESSL	MMM
Snyder	Chris	Guest Editor	Quarterly Journal of the Royal Meteorological Society	2005	2006	ESSL	MMM
Sullivan	Peter	Editor	Dynamics of Atmospheres and Oceans	2004	ongoing	ESSL	MMM
Sullivan	Peter	Associate Editor	Journal of the Atmospheric Sciences	2003	ongoing	ESSL	MMM

Sun	Jielun	Editorial Member	Boundary Layer Meteorology	2004	ongoing	ESSL	MMM
Sun	Jielun	Associated Editor	Journal of Applied Meteorology	2004	ongoing	ESSL	MMM
Tie	Xuexi	Associate Editor	Advances in Atmospheric Sciences	2005	2006	ESSL	ACD
Tribbia	Joseph	Member, Advisory Board	Tellus A	2005	2006	ESSL	CGD
Trier	Stan	Associate Editor	Monthly Weather Review	2005	ongoing	ESSL	MMM
Twohy	Cynthia	Editorial Advisory Board	Aerosol Science and Technology	2003	no end date	EOL	RAF
Vivekanandan	Jothiram	Assoc. Editor	Radio Science	2003	2008	EOL	RSF
Wang	Junhong	Editor	Journal of Atmospheric and Oceanic Technology	2005	2008	EOL	ISF
Wang	Junhong	Editor	Journal of Atmospheric and Oceanic Technology	2005	present	ESSL	TIIMES
Warner	Thomas	Associate Editor	Monthly Weather Review	2005	2006	RAL	NSAP
Weckwerth	Tammy	Associate Editor	Journal of Atmospheric Sciences	2003	no end date	EOL	RSF
Weckwerth	Tammy	Associate Editor	Monthly Weather Review	1999	no end date	EOL	RSF
Weckwerth	Tammy	Subject Matter Editor	Bulletin of the American Meteorological Society	2005	no end date	EOL	RSF
Wigley	Tom M.L.	Co-Editor	Avoiding Dangerous Climate Change	2005	2006	ESSL	CGD
Wigley	Tom M.L.	Editorial Board	Climate Dynamics	2005	2006	ESSL	CGD
Williams	Steven	Guest Editor	Journal of Meteorological Society of Japan	2006	2007	EOL	CDS
Wiltberger	Michael	Guest Editor	Advances in Space Research Special Issue on Magnetospheric Dynamics -Models and Observations at Multiple Scales	2005	2006	ESSL	HAO

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Nychka	Doug	Committee Member	Scientific Advisory Panel	Center for Integrating Statistical and Environmental Science	CISL	IMAGE
Nychka	Doug	Committee Member	National Research Council Report - Surface temperature reconstructions for the past 2000 years	National Academies of Science	CISL	IMAGE
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Worley	Steven	Member (Observer)	Unidata Policy Comm	Unidata	CISL	SCD

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AchutaRao*, K. M., B. D. Santer*, P. J. Gleckler*, K. E. Taylor*, **D. W. Pierce**, **T. P. Barnett**, and T. M. L. Wigley, 2006: Variability of ocean heat uptake: Reconciling observations and models. *Journal of Geophysical Research*, **111**, CO5019, doi:10.1029/2005JC003136.

Aiouaz, T., and M. Rast, 2006: Expansion of the supergranular magnetic network through the solar atmosphere. *The Astrophysical Journal*, **647**, L183-L185.

Alexakis, A., P. D. Mininni, and A. Pouquet, 2005: Imprint of large-scale flows on turbulence. *Physical Review Letters*, **95**, 264503, doi:10.1103/PhysRevLett.95.264503.

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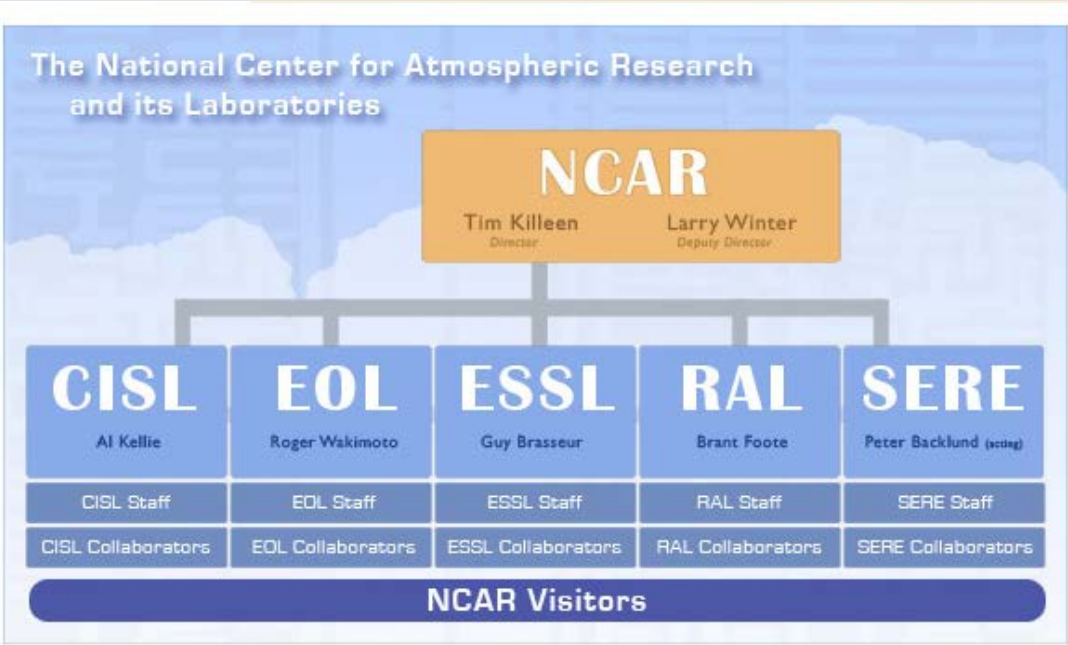
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Winter	Larry	NCAR Deputy Director
Backlund	Peter	Director of Research Relations
Shea	Catherine	Manager, Directorate Operations
Laursen	Krista	Project Specialist
Conrad	Kristin	Web Producer
Emmett	Veda	Administrative Assistant to the NCAR Director
Worster	Cindy	Administrative Assistant to the NCAR Deputy Director
Bunting	Jackie	Front Office Assistant

NCAR Budget and Planning


Brasher-Alleva	Rena	Director of Budget & Planning
Chambers	Caron	Manager, Budget & Planning Operations
Koch	Valerie	Budget Analyst
Tan	Bob	Budget Analyst
Wise	Peter	Budget Analyst
Stephens	Amy	Administrative Assistant, Budget & Planning

NCAR Library

Forehand	Leslie	Reference Librarian, Foothills Lab Library
position vacant		Reference Librarian, Mesa Lab Library
Chavez	Mary	Serials Technician
Dayhoff	Judy	Acquisitions Technician
Kiser	Diann	Administrative Assistant II
Litsey	Judy	Interlibrary Loan Technician
Mills	Anne	Library Technician I
Murray	Terry	Technical Services Librarian
Nunn	Colleen	Reference Librarian, Center Green Library
Percell	Faith	Cataloging Technician
Pierce	Shirley	Circulation Technician

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Albertson	Ken	Comp Operator	CISL	SCD
Albertson	Susan	Comp Operator	CISL	SCD
Andersen	Aaron	Manager, OISS	CISL	SCD
Anderson	Bryan	Technician	CISL	SCD
Anderson	William	Soft Engineer/Program	CISL	SCD
Arnold	Edward	Soft Engineer/Program	CISL	SCD
Baker	Scott	Comp Operator	CISL	SCD
Banner	Cecilia	Admin Assistant	CISL	SCD
Barnes	Roy	Casual	CISL	SCD
Bartels	Mary	Casual	CISL	SCD
Bernier	Dianne	Admin Assistant	CISL	SCD
Bettge	Thomas	SCD Deputy Director	CISL	SCD
Bevirt	Brian	Writer/Editor	CISL	SCD
Brown	David	Soft Engineer/Program	CISL	SCD
Burek	Michael	Soft Engineer/Program	CISL	SCD
Bustamante	Dorothy	Div/Program Admin	CISL	SCD
Caldwell	Blake	Student Asst	CISL	SCD
Caldwell	Ginger	Alloc Mgmt Spec	CISL	SCD
Chapin	Julia	Database Adr	CISL	SCD
Chastang	Julien	Soft Eng/Prog	CISL	SCD
Cinquini	Luca	Soft Eng/Prog	CISL	SCD
Cisneros	Armando	Technician	CISL	SCD
Clare	Frederick	Soft Eng/Prog	CISL	SCD

Clyne	John	Soft Eng/Prog	CISL	SCD
Colburn	Scott	Network Eng	CISL	SCD
Comeaux	Joseph	Soft Eng/Prog	CISL	SCD
Connell	Gaynez	Database Adr	CISL	SCD
Cope	Jason	Student Visitor	CISL	SCD
Cowan	Jeff	Soft Eng/Prog	CISL	SCD
Crawl	Dan	Student Visitor	CISL	SCD
Cross	Susan	Educ/Outreach	CISL	SCD
Custard	Jeffry	Network Eng	CISL	SCD
Custard	Myra	Soft Eng/Prog	CISL	SCD
Dattore	Robert	Soft Eng/Prog	CISL	SCD
Daves	Joel	Systems Adr	CISL	SCD
DeLuca	Cecelia	Tech Proj Mgr	CISL	SCD
Dennis	John	Scientist	CISL	SCD
Dial	Paul	Network Eng	CISL	SCD
Elahi	Irfan	Soft Eng/Prog	CISL	SCD
Ellis	John	Soft Eng/Prog	CISL	SCD
Engel	Thomas	Soft Eng/Prog	CISL	SCD
Fisher	Joan	Administrave Assistant	CISL	SCD
Flaherty	David	Comp Operator	CISL	SCD
Flyer	Natasha	Scientist	CISL	SCD
Frudeger	Jon	Systems Adr	CISL	SCD
Fuentes	George	Soft Eng/Prog	CISL	SCD
Genty	Marc	Soft Eng/Prog	CISL	SCD
Ghosh	Siddhartha	Soft Eng/Prog	CISL	SCD
Gillman	Pamela	Soft Eng/Prog	CISL	SCD
Goodman	Paul	Systems Admin	CISL	SCD
Green	Judy	Lead Telecomm	CISL	SCD
Griffin	Jennifer	Admin Assistant	CISL	SCD
Grubin	Richard	Soft Eng/Prog	CISL	SCD
Gruchalla	Kenny	Student Visitor	CISL	SCD
Guastella	Susan	Admin Assistant	CISL	SCD
Guerrero	Fabian	Network Eng	CISL	SCD
Haley	Mary	Soft Eng/Prog	CISL	SCD
Harano	Errol	SCD Hi Perf Sys Mgr	CISL	SCD
Harris	Delbert	Network Eng	CISL	SCD
Harris	Julien	SCD Comp Fac Tech	CISL	SCD
Hays	Stephen	Systems Adr	CISL	SCD
Heller	Beverly	Admin Assistant	CISL	SCD
Housewright	Belinda	Soft Eng/Prog	CISL	SCD
Huang	Wei	Soft Eng/Prog	CISL	SCD
Irwin	Basil	Casual	CISL	SCD
Jenne	Roy	Sr Scientist	CISL	SCD
Ji	Zaihua	Soft Eng/Prog	CISL	SCD
Johnson	Richard	Systems Security	CISL	SCD
Joseph	Dennis	Casual	CISL	SCD
Kadlec	Benjamin	Student Visitor	CISL	SCD
Kelly	Rory	Soft Eng/Prog	CISL	SCD
Kennison	David	Soft Eng/Prog	CISL	SCD
Kokes	Jirina	Comp Operator	CISL	SCD
LaBrie	Linda	Comp Prod Grp	CISL	SCD
Leifer	Raisa	Comp Operator	CISL	SCD
Lester	Lynda	Writer/Editor	CISL	SCD
Levy	Michael	Student Visitor	CISL	SCD
Loft	Richard	SCD Deputy Director	CISL	SCD
Love	Mark	Soft Eng/Prog	CISL	SCD
Magden	Ford	Soft Eng/Prog	CISL	SCD
Martinez	Jerome	Technician	CISL	SCD
Martinez	Michael	Technician	CISL	SCD

McCreary	Sean	Soft Eng/Prog	CISL	SCD
McGinley	Lynda	Systems Security	CISL	SCD
McLaughlin	Stan	SCD Comp Fac Tech	CISL	SCD
Meehl	Marla	MG HI Perf	CISL	SCD
Meese	Kelly	Comp Operator	CISL	SCD
Mendoza	Joseph	Soft Eng/Prog	CISL	SCD
Merrill	John	Soft Eng/Prog	CISL	SCD
Metcalfe	Travis	Scientist	CISL	SCD
Middleton	Don	Manager, VETS	CISL	SCD
Mitchell	Rosemary	Casual	CISL	SCD
Mitchell	William	Network Eng	CISL	SCD
Moua	Long	Technician	CISL	SCD
Mumford	Richard	Technician	CISL	SCD
Nair	Ramachandran	Scientist	CISL	SCD
New	Gary	Computing Fac	CISL	SCD
Nixon	Scott	Student Asst	CISL	SCD
Norton	Vern	Soft Eng/Prog	CISL	SCD
O'Neil	Peter	Network Eng	CISL	SCD
Oberg	Michael	Soft Eng/Prog	CISL	SCD
Oman	Darin	Multimedia Tech	CISL	SCD
Page	Michael	Soft Eng/Prog	CISL	SCD
Peterson	Percy	Casual	CISL	SCD
Pick	Sander	Student Visitor	CISL	SCD
Quilan	Glenda	Systems ADR	CISL	SCD
Rew	Juliana	Soft Eng/Prog	CISL	SCD
Ruff	Craig	Soft Eng/Prog	CISL	SCD
Schietlin	Tim	Soft Eng/Prog	CISL	SCD
Schuster	Douglas	Soft Eng/Prog	CISL	SCD
Schwab	Earl	Casual	CISL	SCD
Shibao	Teresa	Network Eng	CISL	SCD
Shih	Chi-Gan	Soft Eng/Prog	CISL	SCD
Siemens	Pete	Network Eng	CISL	SCD
Sitongia	Leonard	Soft Eng/Prog	CISL	SCD
Smart	Michelle	Admin Assistant	CISL	SCD
Smith	Katrina	Comp Operator	CISL	SCD
Snyder	Edward	Network Eng	CISL	SCD
Spangler	Wilbur	Soft Eng/Prog	CISL	SCD
St-Cyr	Amik	Scientist	CISL	SCD
Stepaniak	David	Soft Eng/Prog	CISL	SCD
Stillwell	Lana	Soft Eng/Prog	CISL	SCD
Stobbs	Mark	Soft Eng/Prog	CISL	SCD
Swartztrauber	Paul	SR SCI Emeritus	CISL	SCD
Thanhardt	Erich	Soft Eng/Prog	CISL	SCD
Thomas	Stephen	Scientist	CISL	SCD
Thompson	Betty	Casual	CISL	SCD
Thompson	Ingmar	Soft Eng/Prog	CISL	SCD
Tobyne	Jennifer	Admin Asst	CISL	SCD
Tufo	Henry	Scientist	CISL	SCD
UrIs	Mark	Soft Eng/Prog	CISL	SCD
Valent	Richard	Soft Eng/Prog	CISL	SCD
VanDyke	James	Network Eng	CISL	SCD
Vasquez	Silverio	Soft Eng/Prog	CISL	SCD
Walters	Gregg	Soft Eng/Prog	CISL	SCD
Waltman	David	Casual	CISL	SCD
Waukau	Eileen	Student Asst	CISL	SCD
Weber	Lois	Casual	CISL	SCD
Wildcat	Wesley	Technician	CISL	SCD
Wilhelmi	Nathan	Soft Eng/Prog	CISL	SCD

Williams	George	Soft Eng/Prog	CISL	SCD
Woitaszek	Matthew	Student Asst	CISL	SCD
Woods	Greg	Soft Eng/Prog	CISL	SCD
Worley	Steven	MGR, DSS	CISL	SCD
Young	Janie	Admin Assistant	CISL	SCD

CISL Administration

Bauer	Amy	Budget Analysis	CISL	CISL
Kauvar	Janice	Lab Administrator	CISL	CISL
Kellie	Al	Lab Director	CISL	CISL
Killingsworth	Marcia	Admin Asst	CISL	CISL

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Anderson	Jeffrey	Scientist	CISL	IMAGe
Collins	Nancy	Software Engineer	CISL	IMAGe
Dowell	David	Scientist	RAL/CISL	RAL/IMAGe
Fournier	Aimé	Project Scientist	CISL	IMAGe
Franzke	Christian	Post Graduate Scientist	CISL	IMAGe
Furrer	Eva	Post Graduate Scientist	CISL	IMAGe
Gentile	Silvia	Administrative Assistant	CISL	IMAGe
Graham	Jonathan	Graduate Research Associate	CISL	IMAGe
Hoar	Tim	Associate Scientist	CISL	IMAGe
Katz	Richard	Senior Scientist	SERE/CISL	ISSE/IMAGe
Kaufman	Cari	Post Graduate Scientist	CISL	IMAGe
Lee	Ed	Graduate Research Associate	CISL	IMAGe
Li	Bo	Post Graduate Scientist	CISL	IMAGe
Liu	Hui	Project Scientist	CISL	IMAGe
Malmberg	Anders	Visiting Scientist	CISL	IMAGe
Matsuo	Tomoko	Visiting Scientist	CISL	IMAGe
Mininni	Pablo	Post Graduate Scientist	CISL	IMAGe
Nychka	Doug	Senior Scientist	CISL	IMAGe
Pouquet	Annick	Senior Scientist	CISL/ESSL	IMAGe/ESSL
Raeder	Kevin	Associate Scientist	CISL	IMAGe
Rosenberg	Duane	Software Engineer	CISL	IMAGe
Rothney	Elizabeth	Administrator	CISL	IMAGe
Sain	Stephan	Project Leader	CISL	IMAGe
Snyder	Chris	Senior Scientist	ESSL/CISL	MMM/IMAGe
Tebaldi	Claudia	Project Scientist	SERE/CISL	ISSE/IMAGe
Tribbia	Joseph	Senior Scientist	ESSL/CISL	CGD/IMAGe


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CISL Collaborators ([back to People & Organization](#))

There were 296 CISL Collaborators in FY 2006

Host Last Name	Host First Name	Collaborator Last Name	Collaborator First Name	Collaborator's Home Institution	City	State	Country	NCAR Lab	Group
Andersen	Aaron	Rawson	Brian	IBM	East Amherst	NY	USA	CISL	SCD
Andersen	Aaron	McClary	Robert	Fortrust	Denver	CO	USA	CISL	SCD
Andersen	Aaron	Tannenbaum	Phillip	Australian Government Bureau of Meteorology	Melbourne		AUS	CISL	SCD
Andersen	Aaron	Van Geet	Otto	National Renewable Energy Laboratory	Golden	CO	USA	CISL	SCD
Anderson	Jeffrey	Pu	Zhaoxia	Univ. of Utah	Salt Lake City	UT	USA	CISL	IMAGe
Anderson	Jeffrey	Xu	Li	Univ. of Utah	Salt Lake City	UT	USA	CISL	IMAGe
Anderson	Jeffrey	Wang	Xuguang	NOAA/CDC	Boulder	CO	USA	CISL	IMAGe
Anderson	Jeffrey	Zubrow	Alexis	Univ. of Chicag o	Chicago	IL	USA	CISL	IMAGe
Anderson	Jeffrey	Anderson	Stephen	Metron Scientif ic	Fairfax	VA	USA	CISL	IMAGe
Anderson	Jeffrey	Meagher	Jon	NOAA/CDC	Boulder	CO	USA	CISL	IMAGe
Anderson	Jeffrey	Van den Dool	Huug	NOAA/NCEP	Camp Springs	MD	USA	CISL	IMAGe
Anderson	Jeffrey	Sandu	Adrian	Virginia Tech.	Blacksburg	VA	USA	CISL	IMAGe
Anderson	Jeffrey	Ross	Natalie	Univ. of Colora do	Boulder	CO	USA	CISL	IMAGe
Anderson	Jeffrey	DeWeaver	Eric	Univ. of Wiscon sin	Madison	WI	USA	CISL	IMAGe
Anderson	Jeffrey	Rosati	Tony	NOAA/GFDL	Princeton	NJ	USA	CISL	IMAGe
Brown	David	Foster	Ian	Argonne Nation al Lab	Chicago	IL	USA	CISL	SCD
Brown	David	Nevedova	Veronika	Argonne Nation al Lab	Chicago	IL	USA	CISL	SCD
Brown	David	Romosam	Alex	Lawrence Berk ely National Lab	S.Francisco	CA	USA	CISL	SCD
Brown	David	Shoshani	Alex	Lawrence Berk ely National Lab	S.Francisco	CA	USA	CISL	SCD
Brown	David	Sim	Alex	Lawrence Berk ely National Lab	S.Francisco	CA	USA	CISL	SCD
Brown	David	Gu	Junmin	Lawrence Berk ely National Lab	S.Francisco	CA	USA	CISL	SCD
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Brown	David	Williams	Dean	Lawrence Liver more National Laboratory	Livermore	CA	USA	CISL	SCD
Brown	David	Halliday	Kyle	Lawrence Liver more National Laboratory	Livermore	CA	USA	CISL	SCD
Brown	David	Jones	Phil	Los Alamos Nat ional Laboratory	Los Alamos	NM	USA	CISL	SCD
Brown	David	Hecht	Matthew	Los Alamos Nat ional Laboratory	Los Alamos	NM	USA	CISL	SCD
Brown	David	Bharathi	Shishir	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Brown	David	Chervenak	Ann	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Brown	David	Su	Mei-hui	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Brown	David	Kesselman	Carl	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Brown	David	Shuler	Rob	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Brown	David	Bernholdte	David	Oak Ridge Nati onal Lab	Oak Ridge	TN	USA	CISL	SCD
Brown	David	Mei-li	Chen	Oak Ridge Nati onal Lab	Oak Ridge	TN	USA	CISL	SCD
Brown	David	Hankin	Steve	Pacific Marine Environmental Lab.	Seattle	WA	USA	CISL	SCD
Brown	David	Schweitzer	Roland	Pacific Marine Environmental Lab.	Seattle	WA	USA	CISL	SCD
Brown	David	Callahan	Johnathan	Pacific Marine Environmental Lab.	Seattle	WA	USA	CISL	SCD
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Burek	Michael	Ramthun	Hans	Max-Planck	Hamburg		GER	CISL	SCD
Burek	Michael	Foreman	Stephen	Met Office	Exter		GBR	CISL	SCD
Burek	Michael	Wang	Guofu	China Meterological Institute	Biejing		CHN		
Burek	Michael	Sanders	Charles	Bureau of Meterology	Melbourne		AUS	CISL	SCD
Burek	Michael	Seib	Jurgen	Deutscher Wetterdienst Kalserleistrasse	Offenbach		DEU	CISL	SCD
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Burek	Michael	Tandy	Jeffery	Met Office	Exter		GBR	CISL	SCD
Burek	Michael	Lautenschlager	Michael	Max-Planck	Hamburg		DEU	CISL	SCD
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Burek	Michael	Roumilhac	Jacques	Meteo-France	Toulouse		FRA	CISL	SCD

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Clyne	John	Ma	Kwan-Liu	Univ. of Califor nia - Davis	Davis	CA	USA	CISL	SCD
Clyne	John	Rast	Mark	CU Boulder	Boulder	CO	USA	CISL	SCD
Colburn	Scot	Eveleth	Jan	University of Washington/The Quilt	Seattle	WA	USA	CISL	SCD
Comeaux	Joey	Lott	Neal	NOAA NCDC (N ational Climatic Data Center)	Asheville	NC	USA	CISL	SCD
Comeaux	Joey	Compo	Gil	NOAA-CDC (Cli mate Diagnostic Center)	Boulder	CO	USA	CISL	SCD
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Cooley	Dan	Naveau	Philippe	LSCE/CNRS	Gif Sur Yvette		FRA	CISL	IMAGe
Dattore	Bob	Ross	Tom	NOAA NCDC (N ational Climatic Data Center)	Asheville	NC	USA	CISL	SCD
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DeLuca	Cecelia	Hill	Chris	Massachusetts Institute of Technology	Cambridge	MA	USA	CISL	SCD
DeLuca	Cecelia	da Silva	Arlindo	National Aeronautics and Space Administration Global Modeling and Assimilation Office	Greenbelt	MD	USA	CISL	SCD
DeLuca	Cecelia	Suarez	Max	National Aeronautics and Space Administration Global Modeling and Assimilation Office	Greenbelt	MD	USA	CISL	SCD
DeLuca	Cecelia	Clune	Thomas	National Aeronautics and Space Administration Global Modeling and Assimilation Office	Greenbelt	MD	USA	CISL	SCD
DeLuca	Cecelia	Zhou	Shujia	National Aeronautics and Space Administration Global Modeling and Assimilation Office	Greenbelt	MD	USA	CISL	SCD
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DeLuca	Cecelia	Mark	Leo	Georgia Institute of Technology	Atlanta	GA	USA	CISL	SCD
DeLuca	Cecelia	Rugaber	Spencer	Georgia Institute of Technology	Atlanta	GA	USA	CISL	SCD
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DeLuca	Cecelia	Gombosi	Tamas	University of Michigan	Ann Arbor	MI	USA	CISL	SCD

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DeLuca	Cecelia	Yang	Weiyu	National Centers for Environmental Protection	Camp Springs	MD	USA	CISL	SCD
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DeLuca	Cecelia	Wegiel	Jerry	Air Force Weather Agency	Omaha	NE	USA	CISL	SCD
DeLuca	Cecelia	Fry	Craig Ghee	Exploration Physics International	Huntsville	AL	USA	CISL	SCD
DeLuca	Cecelia	Sussman	Alan	University of Maryland	College Park	MD	USA	CISL	SCD
DeLuca	Cecelia	Valcke	Sophie	European Centre for Research and Advanced Training in Scientific Computation	Toulouse		FRA	CISL	SCD
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DeLuca	Cecelia	Guilyardi	Eric	University of Reading	Reading		GBR	CISL	SCD
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DeLuca	Cecelia	Hesse	Michael	National Aeronautics and Space Administration Community Coordinated Modeling Center	Greenbelt	MD	USA	CISL	SCD
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Dennis	John	Jessup	Elizabeth	University of Colorado	Boulder	CO	USA	CISL	SCD
Dennis	John	Waite	William	University of Colorado	Boulder	CO	USA	CISL	SCD
Dennis	John	McCleen	Julie	Lawrence Livermore National Laboratory	San Francisco	CA	USA	CISL	SCD
Dennis	John	Taylor	Mark	Sandia National Lab	Albuquerque	NM	USA	CISL	SCD
Dennis	John	Worley	Pat	Oakridge National Lab	Oakridge	TN	USA	CISL	SCD
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Flyer	Natasha	Wright	Grady	University of Utah	Salt Lake	UT	USA	CISL	SCD
Flyer	Natasha	Zhang	Mei	Chinese Astronomical Observatory	Beijing		CHN	CISL	SCD
Flyer	Natasha	Shin	Byeong-Chun	Chonnam National University	Gwangju		KOR	CISL	SCD
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Flyer	Natasha	Fokas	Anthanasis	Cambridge University	Cambridge	MA	GBR	CISL	SCD
Flyer	Natasha	Furrer	Reinhard	Colorado School of Mines	Golden	CO	USA	CISL	SCD

Flyer	Natasha	Herbst	Berand	University of Stellenbosch	Stellenbosch		ZAF	CISL	SCD
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Fournier	Aimé	Fischer	Paul	Argonne Nation al Laboratory	Argonne	IL	USA	CISL	IMAGe
Fournier	Aimé	Holm	Darryl	Imperial Colleg e London	London		GBR	CISL	IMAGe
Fournier	Aimé	Mavriplis	Catherine	University of Ok lahoma	Norman	OK	USA	CISL	IMAGe
Fournier	Aimé	Montgomery	David	Dartmouth Coll ege	Dartmouth	NH	USA	CISL	IMAGe
Fournier	Aimé	Taylor	Mark	Sandia Nationa l Laboratory	Albuquerque	NM	USA	CISL	IMAGe
Fournier	Aimé	Wang	Houjun	University of M aryland	College Park	MD	USA	CISL	IMAGe
Fournier	Aimé	Weiss	Jeff	University of Co lorado	Boulder	CO	USA	CISL	IMAGe
Genty	Marc	Pugh	Tim	Oregon State U niversity	Corvallis	OR	USA	CISL	SCD
Genty	Marc	Coghlin	Susan	Argonne Nation al Laboratory	Argonne	IL	USA	CISL	SCD
Genty	Marc	Hoover	Ted	IBM	Poughkeepsie	NY	USA	CISL	SCD
Genty	Marc	Elisseev	Vadim	Platform Comp uting	Toronto	NA	Canada	CISL	SCD
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Gillman	Pamela	Verdier Water	Francesca Howard	NERSC (National Energy Research Scientific Computing Center)	Oakland	CA	USA	CISL	SCD
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Ji	Zaihua	Lubker	Sandy	NOAA ERL (En viromental Reseach Lab)	Boulder	CO	USA	CISL	SCD
Kellie	Al	Droegemeier	Kelvin	University of Ok lahoma	Norman	OK	USA	CISL	SCD
Loft	Rich	Droegemeier	Kelvin	University of Ok lahoma	Norman	OK	USA	CISL	SCD
Loft	Rich	Bennett	Andrew	Oregon State U niversity	Eugene	OR	USA	CISL	SCD
Loft	Rich	Bennett	Andrew	Oregon State U niversity	Eugene	OR	USA	CISL	SCD
Loft	Rich	Bennett	Andrew	Oregon State U niversity	Eugene	OR	USA	CISL	SCD
Meehl	Marla	Croasdale	Hud	Virginia Tech /The Quilt	Blacksburg	VA	USA	CISL	SCD
Meehl	Marla	Johnson	Ron	University of Washington/BRIN LARIAT	Seattle	WA	USA	CISL	SCD
Meehl	Marla	Morrison	Bob	University of Wyoming/BRIN LARIAT	Laramie	WY	USA	CISL	SCD
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Middleton	Don	Shoshani	Alex	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
Middleton	Don	Sim	Alex	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
Middleton	Don	Gu	Junmin	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
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Middleton	Don	Lawrence	Bryan	BADC	Reading		GBR	CISL	SCD
Middleton	Don	Benedict	James	McGuinness & Associates	San Francisco	CA	USA	CISL	SCD
Middleton	Don	Hoffmann	Geerd-Ruedi ger	Deutscher Wetterdienst	Offenbach		DEU	CISL	SCD
Middleton	Don	Shi	Peiliang	CMA	Beijing		CHN	CISL	SCD
Middleton	Don	Knottenberg	Heinrich	Deutscher Wetterdienst	Offenbach		DEU	CISL	SCD
Middleton	Don	Ichijo	Hiroyuki	JMA	Tokyo		JPN	CISL	SCD
Middleton	Don	Husband	Robert	WMO Space Program	Dalby		IMN	CISL	SCD
Middleton	Don	Besprozvannykh	Alexander	Research Institute of HydroMeteorological Information	Obninsk		RUS	CISL	SCD
Middleton	Don	Roumilhac	Jacques	Meteo-France	Toulouse		FRA	CISL	SCD
Middleton	Don	Belov	Sergev	JCOMM Centre WMO (World Meteorological Organization)	Obninsk		RUS	CISL	SCD
Middleton	Don	Lee	Dongil	Korean Meteorological Institute	Seoul		KOR	CISL	SCD
Middleton	Don	Bader	Dave	Lawrence Livermore Nat. Lab	Livermore	CA	USA	CISL	SCD
Middleton	Don	Foreman	Stephen	United Kingdom Met Office	Exeter		GBR	CISL	SCD
Middleton	Don	Zwiefelhofer	Walter	ECMWF (European Centre for Medium-Range Weather Forecasts)	Reading		GBR	CISL	SCD
Middleton	Don	Rainer	Jean-Michel	WMO (World Meteorological Organization)	Geneva		CHE	CISL	SCD
Middleton	Don	Kerherve	Pierre	WMO (World Meteorological Organization)	Geneva		CHE	CISL	SCD
Middleton	Don	Gilgiloti	Peter	Australian Bureau of Meteorology	Melbourne		AUS	CISL	SCD
Middleton	Don	Raoult	Baudouin	ECMWF (European Centre for Medium-Range Weather Forecasts)	Reading		GBR	CISL	SCD
Middleton	Don	Besprozvannykh	Alexander	Research Institute of HydroMeteorological Information	Obninsk		RUS	CISL	SCD
Middleton	Don	Bezruk	Leonid	Roshydromet	Moscow		RUS	CISL	SCD
Middleton	Don	Hofstadler	Alfred	United Kingdom Met Office	Exeter		GBR	CISL	SCD
Middleton	Don	Rubinov	Sergev	Roshydromet	Moscow		RUS	CISL	SCD
Middleton	Don	Cormier	Edward	NOAA National Weather Service	Silver Spring	MD	USA	CISL	SCD
Middleton	Don	Ross	Gill	U.K. Met Office	Exeter		GBR	CISL	SCD
Middleton	Don	Berman	Fran	San Diego Supercomputer Center	San Diego	CA	USA	CISL	SCD
Middleton	Don	Moore	Reagan	San Diego Supercomputer Center	San Diego	CA	USA	CISL	SCD
Middleton	Don	Schottlander	Brian	Univ. of Ca. at San Diego	San Diego	CA	USA	CISL	SCD
Middleton	Don	Joseph	JaJa	Univ. of Maryland	College Park	MD	USA	CISL	SCD
Middleton	Don	Wilkins-Diehr	Nancy	San Diego Supercomputer Center	San Diego	CA	USA	CISL	SCD
Middleton	Don	Catlett	Charlie	Argonne National Lab	Chicago	IL	USA	CISL	SCD

Middleton	Don	Doleisch	Helmut	VRVis Research Center	Wien		AUT	CISL	SCD
Middleton	Don	Hauser	Helwig	VRVis Research Center	Wien		AUT	CISL	SCD
Middleton	Don	Cobb	John	Oak Ridge National Lab	Oak Ridge	TN	USA	CISL	SCD
Nair	Ram	Taylor	Mark	Sandia National Laboratory	Albuquerque	NM	USA	CISL	SCD
Nair	Ram	Kesarkar	Amit	Center for Development of Advanced Computing	Pune		IND	CISL	SCD
Nair	Ram	Purser	Jim	National Oceanic and Atmospheric Administration	Washington	DC	USA	CISL	SCD
Nair	Ram	Scroggs	Jeff	North Carolina State University	Raleigh	NC	USA	CISL	SCD
Nychka	Doug	Furrer	Reinhard	Colorado School of Mines	Golden	CO	USA	CISL	IMAGe
Nychka	Doug	Forrest	Chris	Massachusetts Institute of Technology	Cambridge	MA	USA	CISL	IMAGe
Nychka	Doug	Fuentes	Montserrat	North Carolina State University	Durham	NC	USA	CISL	IMAGe
Nychka	Doug	Smith	Richard	University of North Carolina	Chapel Hill	NC	USA	CISL	IMAGe
Nychka	Doug	Oh	Hee-Seok	Seoul National University	Seoul		KOR	CISL	IMAGe
O'Neil	Peter	Huntoon	Wendy	PSC/The Quilt	Pittsburgh	PA	USA	CISL	SCD
O'Neil	Peter	Mathis	Matt	PSC/NPAD	Pittsburgh	PA	USA	CISL	SCD
O'Neil	Peter	Summerhill	Rick	I2/HOPI	Ann Arbor	MI	USA	CISL	SCD
O'Neil	Peter	Winkler	Lynda	ANL/Teragrid	Chicago	IL	USA	CISL	SCD
Pouquet	Annick	Montgomery	David	Dartmouth College	Dartmouth	NH	USA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Ng	Chung-Sang	University of New Hampshire	Durham	NH	USA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Bhattacharjee	Amitava	University of New Hampshire	Durham	NH	USA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Ponty	Yannick	Observatoire de la Côte d'Azur	Nice		FRA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Politano	Helen	Observatoire de la Côte d'Azur	Nice		FRA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Baerenzung	Julien	Observatoire de la Côte d'Azur	Nice		FRA	CISL/ESSL	IMAGe/ESSL
Pouquet	Annick	Pinton	Jean-Francois	Ecole Normale Supérieure	Paris		FRA	CISL/ESSL	IMAGe/ESSL
Rosenberg	Duane	Ng	Chung-Sang	University of New Hampshire	Durham	NH	USA	CISL	IMAGe
Rosenberg	Duane	Bhattacharjee	Amitava	University of New Hampshire	Durham	NH	USA	CISL	IMAGe
Rosenberg	Duane	Ponty	Yannick	Observatoire d'Nice	Nice		FRA	CISL	IMAGe
Schuster	Douglas	Raoult	Baudouin	European Centre for Research and Advanced Training in Scientific Computation	Reading		GBR	CISL	SCD
Shih	Chi-Fan	Ebisuzaki	Wesley	NOAA NCEP	Washington	DC	USA	CISL	SCD
Stepaniak	David	Nolan	Matt	University of Alaska	Fairbanks	AK	USA	CISL	SCD
Tufo	Henry	Bhanot	Gyan	Thomas J. Watson Research Center, IBM	Yorktown Heights	NY	USA	CISL	SCD
Tufo	Henry	Braam	Peter	Cluster File Systems, Inc	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Cai	Xiao-Chuan	Department of Computer Science, University of Colorado	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Fischer	Paul	Mathematics and Computer Science Division, Argonne National Laboratory	Argonne	IL	USA	CISL	SCD
Tufo	Henry	Grunwald	Dirk	Department of Computer Science, University of Colorado	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Mandel	Jan	Department of Mathematics, University of Colorado at Denver	Denver	CO	USA	CISL	SCD
Tufo	Henry	Manteuffel	Tom	Department of Applied Mathematics, University of Colorado at Boulder	Boulder	CO	USA	CISL	SCD

Tufo	Henry	McCormick	Steve	Department of Applied Mathematics, University of Colorado at Boulder	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Moreira	Jose	Thomas J. Watson Research Center, IBM	Yorktown Heights	NY	USA	CISL	SCD
Tufo	Henry	Taylor	Mark	Sandia National Laboratories	Albuquerque	NM	USA	CISL	SCD
Tufo	Henry	Knight	Robin	Department of Computer Science, University of Colorado	Boulder	CO	USA	CISL	SCD
Tufo	Henry	Gupta	Manish	Thomas J. Watson Research Center, IBM	Yorktown Heights	NY	USA	CISL	SCD
Tufo	Henry	Walkup	Bob	Thomas J. Watson Research Center, IBM	Yorktown Heights	NY	USA	CISL	SCD
Wilhelmi	Nate	Foster	Ian	Argonne Nation al Lab	Chicago	IL	USA	CISL	SCD
Wilhelmi	Nate	Nevedova	Veronika	Argonne Nation al Lab	Chicago	IL	USA	CISL	SCD
Wilhelmi	Nate	Romosam	Alex	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
Wilhelmi	Nate	Shoshani	Alex	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
Wilhelmi	Nate	Sim	Alex	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
Wilhelmi	Nate	Gu	Junmin	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
Wilhelmi	Nate	Natarajan	Viji	Lawrence Berk ely Nat. Lab	S.Francisco	CA	USA	CISL	SCD
Wilhelmi	Nate	Drach	Bob	Lawrence Liver more Nat. Lab	Livermore	CA	USA	CISL	SCD
Wilhelmi	Nate	Williams	Dean	Lawrence Liver more Nat. Lab	Livermore	CA	USA	CISL	SCD
Wilhelmi	Nate	Halliday	Kyle	Lawrence Liver more Nat. Lab	Livermore	CA	USA	CISL	SCD
Wilhelmi	Nate	Jones	Phil	Los Alamos Nat . Lab	Los Alamos	NM	USA	CISL	SCD
Wilhelmi	Nate	Hecht	Matthew	Los Alamos Nat . Lab	Los Alamos	NM	USA	CISL	SCD
Wilhelmi	Nate	Bharathi	Shishir	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Wilhelmi	Nate	Chervenak	Ann	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Wilhelmi	Nate	Su	Mei-hui	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Wilhelmi	Nate	Kesselman	Carl	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Wilhelmi	Nate	Shuler	Rob	University of S. Calif/Information Sciences Institute	San Diego	CA	USA	CISL	SCD
Wilhelmi	Nate	Bernholdte	David	Oak Ridge Nati onal Lab	Oak Ridge	TN	USA	CISL	SCD
Wilhelmi	Nate	Mei-li	Chen	Oak Ridge Nati onal Lab	Oak Ridge	TN	USA	CISL	SCD
Wilhelmi	Nate	Hankin	Steve	Pacific Marine Environmental Lab.	Seattle	WA	USA	CISL	SCD
Wilhelmi	Nate	Schweitzer	Roland	Pacific Marine Environmental Lab.	Seattle	WA	USA	CISL	SCD
Wilhelmi	Nate	Callahan	Johnathan	Pacific Marine Environmental Lab.	Seattle	WA	USA	CISL	SCD
Worley	Steven	Uhlir	Paul	Office of Intl S&T Information Programs, The National Academies	Washington	DC	USA	CISL	SCD
Worley	Steven	Woodruff	Scott	NOAA ERL (En viromental Reseach Lab)	Boulder	CO	USA	CISL	SCD
Worley	Steven	Reynolds	Dick	NOAA NCDC (N ational Climatic Data Center)	Asheville	NC	USA	CISL	SCD
Worley	Steven	Raoult	Baudouin	ECMWF (European Centre for Medium-Range Weather Forecasts)	Reading		GBR	CISL	SCD

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EOL Staff ([back to People & Organization](#))

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Employee Last Name	Employee First Name	Position Title	NCAR Lab	Group
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ALBRIGHT	GERALD L	AV OPS & ADMIN SPEC	EOL	EOL AD OFC
ALLBEE	DAVID E	TECHNICIAN II	EOL	RAF
ALLEN	DAVID	INSTRUMENT MAKER II	EOL	DFS
ALLISON	JOHN J	SOFT ENG/PROG II	EOL	CDS
ANDERSON	SCOTT F.	STUDENT ASST I CAS	EOL	EOL AD OFC
BAEUERLE	BRIGITTE	MGR, FIELD PROJ SVCS	EOL	FPS
BEASLEY	ROBERT	AIRCRAFT MECH	EOL	RAF
BEATON	STUART	ENGINEER III	EOL	RAF
BELL	MICHAEL M	ASSOC SCIENTIST II	EOL	RSF
BOBKA	JEFF A	TECHNICIAN III	EOL	DFS
BOYNTON	HENRY	CHIEF PILOT & OP HD	EOL	RAF
BRADFORD	MARK N	SYSTEMS ADR III	EOL	CDS
BRIMEYER	THOMAS	ENGINEER II	EOL	RSF
BROWN	WILLIAM O J	PROJ SCIENTIST II	EOL	ISF
BRUNING	GREGORY R	TECHNICIAN II	EOL	RAF
BURGHART	CHRISTOPHER D	SOFT ENG/PROG III	EOL	CDS
CHAMBELLAN	CLARKE W	ENGINEER III	EOL/ESSL	DFS/HAO
CHEESEMAN	GEOFFREY P	BUDGET ANALYST III	EOL	EOL AD OFC
CLAWSON	JOEL	SOFT ENG/PROG I	EOL	CDS
COHN	STEPHEN A	MGR, TECH FACILITY	EOL	ISF
COLE	HAROLD L	CASUAL - ENGINEERING	EOL	ISF
COOPER	WILLIAM A	SR SCIENT SECT HEAD	EOL	RAF
COWAN	JOHN G	TECHNICIAN IV	EOL	RAF
CRAIG	PATRICK K	STUDENT ASST II NE	EOL	CDS

CULLY	LINDA E	SOFT ENG/PROG III	EOL	CDS
CUSACK	JOHN T	FLIGHT ENG/MECHANIC	EOL	RAF
DANIELS	MICHAEL D	MGR, TECH FACILITY	EOL	CDS
DIXON	MICHAEL J	SOFT ENG/PROG IV	RAL/EOL	HAP/RSF
DONOVAN	MAUREEN A	DIV/PROG ADMIN II	EOL	EOL AD OFC
DRYER	JERRY R	INSTRUMENT MAKER II	EOL	DFS
EAGAN	KIP A	FLIGHT ENG/MECHANIC	EOL	RAF
ELLIS	SCOTT M	ASSOC SCIENTIST III	EOL	RSF
ELLIS	JAMES L	TECH INVENTORY COORD	EOL	DFS
EMMETT	JONATHAN M	TECHNICIAN II	EOL	RSF
FARQUHARSON	GORDON	ENGINEER III	EOL	RSF
FERRARO	DON G	CASUAL - ENGINEERING	EOL	RSF
FLANIGAN	DENNIS F	SOFT ENG/PROG III	EOL	CDS
FLEMING	REX J	CASUAL - ENGINEERING	EOL	EOL AD OFC
FOX	JACK R	ENGINEER IV	EOL	DFS
FRIED	ALAN	MGR, TECH FACILITY	EOL	TDF
FRIESEN	RICHARD B	ENGINEER IV	EOL	RAF
FRUSH	CHARLES L	CASUAL - ENGINEERING	EOL	RSF
GABBARD	STEVE G.	ENGINEER III	ESSL/EOL	ACD/DFS
GENZLINGER	LOWELL J	PILOT	EOL	RAF
GERLEMAN	JULIE A	EDUC/OUTREACH COORD	EOL	EOL AD OFC
GOLDSTEIN	JANINE A	SOFT ENG/PROG II	EOL	CDS
GOLUBIESKI	CHRISTOPHER S	TECHNICIAN I	EOL	ISF
GRANGER	GARY J	SOFT ENG/PROG III	EOL	CDS
GRAY	GRANT R	CASUAL - ENGINEERING	EOL	RAF
HAGGERTY	JULIE A	PROJ SCIENTIST I	EOL	RAF
HANSON	MARY E	DIV/PROG ADMIN II	EOL	EOL AD OFC
HARRIS	KENNETH W	MACHINE SHOP SUPV	EOL	DFS
HASSLER	CARLA D	ADMIN ASSISTANT III	EOL	EOL AD OFC
HECK	SHERRI LYNN	VISITOR	EOL	RAF
HEIZER	CLIFFORD G.	TECHNICIAN II	EOL	EOL AD OFC
HOBBS	MAURINE A.	STUDENT ASST II CAS	EOL	CDS
HOCK	TERRENCE F	ENGINEER IV	EOL	ISF
HOCKENSMITH	KAY A	CASUAL - OTHER CLERICAL	EOL	EOL AD OFC
HODSHON	WALTER E	INSTRUMENT MAKER II	EOL	DFS
HOLDEN	KYLE DAVID	TECHNICIAN II	EOL	RSF
HORST	THOMAS W	SCIENTIST III	EOL	ISF
HUBBERT	JOHN C	PROJ SCIENTIST III	EOL	RSF
HURST	JEAN E	PROGRAMMER TECH	EOL	RSF
IRWIN	WILLIAM K	TECHNICIAN IV	EOL	RAF
JENSEN	JORGEN B	SCIENTIST III	EOL	RAF
JIRAK	CATHERINE A	CASUAL - TECH	EOL	ISF
KEELER	R JEFFREY	CASUAL - ENGINEERING	EOL	RSF
KESSINGER	CATHY J	PROJ SCIENTIST II	RAL/EOL	AAP/RSF
KIDD	BRENT D	SR AIRCRAFT MECH	EOL	RAF
KNUDSON	KURT E	TECHNICIAN IV	EOL	ISF
KORN	ERROL M	TECHNICIAN IV	EOL	ISF
LAURITSEN	DEAN K	ENGINEER IV	EOL	ISF
LEE	WEN-CHAU	SCIENTIST III	EOL	RSF
LENSCHOW	DONALD H	SR SCIENT SECT HEAD	ESSL/EOL	MMM/RAF
LIM	TIMOTHY	TECHNICIAN III	EOL	ISF
LING	FENG	SYSTEMS ADR II	EOL	CDS
LOEHRER	SCOT M	ASSOC SCIENTIST III	EOL	CDS
LOEW	ERIC	ENGINEER III	EOL	RSF
LORD	MARK	ENGINEER IV	EOL	RAF
LUTZ	JONATHAN S	ENGINEER IV	EOL	RSF
MACLEAN	GORDON	SOFT ENG/PROG IV	EOL	CDS
MARTIN	CHARLES L	SOFT ENG/PROG IV	EOL	CDS
MAUGER	LISA	STUDENT ASST II CAS	EOL	RSF

MAXSON	ROBERT W	PILOT	EOL	RAF
MAYOR	SHANE D	SCIENTIST II	EOL	RSF
MCCANN	ROBERT X.	CASUAL - ENGINEERING	EOL	RAF
MCFARLAND	DAVID M	CASUAL - TECH	EOL	RAF
MEITIN	JOSE G	ASSOC SCIENTIST IV	EOL	FPS
METZ	SARA E	DIV/PROG ADMIN I	EOL	EOL AD OFC
MEYMARIS	GREGORY	SOFT ENG/PROG II	RAL/EOL	AAP/RSF
MILITZER	JOHN W	ENGINEER III	EOL	ISF
MOORE	JAMES A	SCI & TECH PROJ LIAISON	EOL	FPS
MORES	EDWARD G	INSTRUMENT MAKER II	EOL	DFS
MORLEY	BRUCE M	ASSOC SCIENTIST III	EOL	RSF
MUNNERLYN	JOHN	TECHNICIAN III	EOL	RAF
MURPHY	LARRY B	TECHNICIAN III	EOL	RAF
MURRAY	CARMEN L	CASUAL - TECH	EOL	ISF
NEWBERY	SANTIAGO J	SYSTEMS ADR III	EOL	CDS
NILSSON	SANDRA K	DIV/PROG ADMIN III	EOL	EOL AD OFC
NOLAN	JAMES	SR AIRCRAFT MECH	EOL	RAF
NORRIS	KENNETH D	CASUAL - ENGINEERING	EOL	ISF
OLSON	ROBERT J	CHIEF AIRCR MAINT	EOL	RAF
ONCLEY	STEVEN	PROJ SCIENTIST II	EOL	ISF
OWENS	JAMES C	TECHNICIAN IV	EOL	ISF
OYE	RICHARD A	CASUAL - SW ENG/PROG III/IV	EOL	CDS
PALMER	STEVEN B	INSTRUMENT MAKER II	EOL	DFS
PARSONS	DAVID B	SENIOR SCIENTIST	EOL	ISF
PENDER	MATTHEW	CASUAL - TECH	EOL	ISF
PEREIRA	BRIAN M.	TECHNICIAN III	EOL	RSF
PETTEGREW	BRIAN P	CASUAL - TECH	EOL	ISF
PHINNEY	ALAN D	TECHNICIAN IV	EOL	RSF
POULOS	GREGORY S	SCIENTIST II	EOL	ISF
PRATTE	J FRANCIS	CASUAL - SW ENG/PROG I/II	EOL	RSF
PYKKONEN	MARY A	CASUAL - ADMIN/CLER III	EOL	EOL AD OFC
RAGNI	CYNTHIA	CASUAL - SCI I/II	EOL	RAF
RAUENBUEHLER	STEPHEN	ENGINEER II	EOL	DFS
RAY	RENEE K	ADMIN ASSISTANT III	EOL	EOL AD OFC
RICHTER	DIRK	RESEARCH ENG I	EOL	TDF
RILLING	ROBERT A	ASSOC SCIENTIST IV	EOL	RSF
RINGLEMAN	EDWARD J	PILOT	EOL	RAF
RIVAS	JOSE L	TECHNICIAN I	EOL	DFS
ROBERTS	STEVE D	SOFT ENG/PROG II	EOL	CDS
ROGERS	DAVID	PROJ SCIENTIST II	EOL	RAF
ROMASHKIN	PAVEL A	ASSOC SCIENTIST III	EOL	RAF
ROMBERG	KEITH R.	SOFT ENG/PROG III	EOL	CDS
RUSS	TED	SYSTEMS ADR II	EOL	CDS
RUTH	RONALD L	ASSOC SCIENTIST III	EOL	RAF
RUZANSKI	EVAN	STUDENT VISITOR	EOL	RSF
SAPP	ALVIN E	CASUAL - CRAFT WORKER	EOL	DFS
SAWYER	KARYN E	ASST LAB DIRECTOR	EOL	EOL AD OFC
SCANNELL	JANET N	SOFT ENG/PROG III	EOL	CDS
SCHANOT	ALLEN	ASSOC SCIENTIST IV	EOL	RAF
SCHWENZ	KARL	INSTR MKR/MECH DES	EOL	DFS
SEMMER	STEVEN R	ENGINEER IV	EOL	ISF
SHARPE	KATHLEEN	DIV/PROG ADMIN II	EOL	EOL AD OFC
SLATEN	BRANDON L	SYSTEMS ADR II	EOL	CDS
SPOWART	MICHAEL P	ENGINEER IV	EOL	RAF
SPULER	SCOTT M	ENGINEER III	EOL	RSF
STENLUND	SIGVARD J	CASUAL - ENGINEERING	EOL	ISF
STEPHENS	BRITTON B	SCIENTIST II	EOL	RAF
STITH	JEFFREY	ATD FACILITY MGR	EOL	RAF

STOSSMEISTER	GREGORY J	ASSOC SCIENTIST III	EOL	CDS
STOTT	DON	SOFT ENG/PROG II	EOL	CDS
STRIEBY	JAMES D.	INSTRUMENT MAKER II	EOL	DFS
STRINGER	SUSAN J	SOFT ENG/PROG II	EOL	CDS
STRONG	MICHAEL GEORGE	TECHNICIAN IV	EOL	RSF
TA	HUNG V	TECHNICIAN III	EOL	RAF
THIBODEAUX	JASON H	TECHNICIAN I	EOL	ISF
TORGLER	ROCHELL ANN	PROCUREMENT ASST	EOL	EOL AD OFC
TSCHUDI	MARK	PROJ SCIENTIST I	EOL	RAF
TUDOR	LAURA E.	TECHNICIAN II	EOL	RSF
VANANDEL	JOSEPH H	SOFT ENG/PROG IV	EOL	CDS
VERSTRAETE	MARCEL L	PROPERTY/FIELD SUP SPEC	EOL	EOL AD OFC
VERSTRAETE	LOUIS M	TECHNICIAN III	EOL	ISF
VINSON	JOSEPH R	SYSTEMS ADR II	EOL	CDS
VIVEKANANDAN	JOTHIRAM	SENIOR SCIENTIST	EOL	RSF
WAKIMOTO	ROGER M	NCAR ASSOC DIRECTOR	EOL	EOL AD OFC
WALEGA	JAMES G	ASSOC SCIENTIST IV	EOL	TDF
WANG	JUNHONG	SCIENTIST II	EOL	ISF
WASINGER	JOHN D	SOFT ENG/PROG II	EOL	CDS
WATT	ANDREW S	TECHNICIAN III	EOL	RAF
WEBSTER	CHRISTOPHER	SOFT ENG/PROG IV	EOL	CDS
WECKWERTH	TAMMY	SCIENTIST III	EOL	RSF
WEIBRING	PETTER	SCIENTIST I	EOL	TDF
WERT	BRYAN	VISITOR	EOL	TDF
WILLIAMS	JODY L	SYSTEMS ADR III	EOL	CDS
WILLIAMS	STEVEN F	ASSOC SCIENTIST IV	EOL	CDS
WILSON	JAMES W	SENIOR SCIENTIST	EOL	RSF
WOODIEL	BART A	INSTRUMENT MAKER II	EOL	DFS
YOUNG	KATHRYN	ASSOC SCIENTIST II	EOL	ISF
ZHANG	LIANGYING	ASSOC SCIENTIST I	EOL	ISF
ZRUBEK	KURT A	ENGINEER II	EOL	RAF
ZRUBEK	M NORMAN	CASUAL - ENGINEERING	EOL	RAF
ZUCKER	SHELLEY	ADMIN ASSISTANT III	EOL	EOL AD OFC

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EOL Collaborators ([back to People & Organization](#))

There were 314 EOL Collaborators in FY 2006

Host Last Name	Host First Name	Collaborator Last Name	Collaborator First Name	Collaborator's Home Institution	City	State	Country	NCAR Lab	Group
Albright	Gerry	Alvarez	Raul	NOAA	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Anderson	Anne	TIAA-CREF	Denver	CO	USA	EOL	RAF
Albright	Gerry	Barney	Pat	KCNC	Denver	CO	USA	EOL	RAF
Albright	Gerry	Beyersdorf	Andreas	UC Irvine	Irvine	CA	USA	EOL	RAF
Albright	Gerry	Boumberster	Chris	CASI	Denver	CO	USA	EOL	RAF
Albright	Gerry	Churnside	Jim	NOAA	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Cushing	Frank	House Appro priations Committee	Denver	CO	USA	EOL	RAF
Albright	Gerry	Deasaro	Matt	BATF	Denver	CO	USA	EOL	RAF
Albright	Gerry	Evans	Dale	Metrix	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Gilland	Andrew	Gulfstream	Savannah	GA	USA	EOL	RAF
Albright	Gerry	Harro	Meijer				NLD	EOL	RAF
Albright	Gerry	Heidt	David	B & M RFG	Denver	CO	USA	EOL	RAF
Albright	Gerry	Herold	Wolf	RBD	Denver	CO	USA	EOL	RAF
Albright	Gerry	Hess	Todd	OMNI	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Kemmer	Andy	OMNI	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Maginnis	John	Gulfstream	Savannah	GA	USA	EOL	RAF
Albright	Gerry	Marshall	Bob	First RF	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Megan	Ron	Centre	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Murphy	Tim	B & m RFG	Denver	CO	USA	EOL	RAF
Albright	Gerry	Ponting	Stu	CASI	Denver	CO	USA	EOL	RAF
Albright	Gerry	Sandberg	Scott	NOAA	Boulder	CO	USA	EOL	RAF
Albright	Gerry	Sanger	Jake	Weaver	Boulder	CO	USA	EOL	RAF

Albright	Gerry	Stonner	David	Legislative & Public Affairs	Denver	CO	USA	EOL	RAF
Albright	Gerry	Widder	Joel	Lewis Burke	Denver	CO	USA	EOL	RAF
Albright	Gerry	Wilson	Jim	NOAA	Boulder	CO	USA	EOL	RAF
Baeuerle	Brigitte	Bluestein	Howard	U. of Oklaho ma, Dept. of Met.	Norman	OK	USA	EOL	DIR
Baeuerle	Brigitte	Clark	Richard	Millersville U niversity	Millersville	PA	USA	EOL	DIR
Baeuerle	Brigitte	Davis	Kenneth	Penn State	University Pa rk	PA	USA	EOL	DIR
Baeuerle	Brigitte	Dirmeyer	Paul	NSF	Arlington	VA	USA	EOL	DIR
Baeuerle	Brigitte	Hintsa	Eric	NSF	Arlington	VA	USA	EOL	DIR
Baeuerle	Brigitte	Hood	Robbie	NASA/MSFC	Huntsville	AL	USA	EOL	DIR
Baeuerle	Brigitte	Huning	Jim	NSF	Arlington	VA	USA	EOL	DIR
Baeuerle	Brigitte	King	Michael	NASA/GSFC	Greenbelt	MD	USA	EOL	DIR
Baeuerle	Brigitte	Lasher-Trapp	Sonia	Purdue Unive rsity	West Lafayet te	IN	USA	EOL	DIR
Baeuerle	Brigitte	Marcotte	David	NRC Canada	Ottawa		CAN	EOL	DIR
Baeuerle	Brigitte	Markowski	Paul	Penn State U niversity	University Pa rk	PA	USA	EOL	DIR
Baeuerle	Brigitte	Nelson	Steve	NSF	Arlington	VA	USA	EOL	DIR
Baeuerle	Brigitte	Schmoltner	Anne-Marie	NSF	Arlington	VA	USA	EOL	DIR
Baeuerle	Brigitte	Simpson	William	U. Alaska, Fa irbanks	Fairbanks	AK	USA	EOL	DIR
Baeuerle	Brigitte	Smull	Bradley	U. of Washin gton	Seattle	WA	USA	EOL	DIR
Baeuerle	Brigitte	Stutz	Jochen	UCLA	Los Angeles	CA	USA	EOL	DIR
Brown	William	Chilson	Phillip	University of Oklahoma School of Meteorology	Norman	OK	USA	EOL	ISF
Brown	William	Chilson	Phillip	U of Oklahoma	Norman	OK	USA	EOL	ISF
Campos	Teresa	Boltz	Rebecca	ULW	Denver	CO	USA	EOL	RAF
Campos	Teresa	Bucci	Lisa	Univ, of Michi gan	Ann Arbor	MI	USA	EOL	RAF
Campos	Teresa	Buger	James	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Finch	Zach	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Gascon	Gabrielle	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Gasperoni	Nick	Univ, of Michi gan	Ann Arbor	MI	USA	EOL	RAF
Campos	Teresa	Gibbons	Austin	Univ, of Michi gan	Ann Arbor	MI	USA	EOL	RAF
Campos	Teresa	Graor	Amanda	Univ, of Michi gan	Ann Arbor	MI	USA	EOL	RAF
Campos	Teresa	Greybush	Steven	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Hodas	Natasha	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Horddyji	Ulyana	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Loikith	Paul	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Merchant	Joe	Univ, of Michi gan	Ann Arbor	MI	USA	EOL	RAF
Campos	Teresa	Moye	Davis	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Obblink	Libby	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Olive	George	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Onderlinde	Matt	Univ, of Michi gan	Ann Arbor	MI	USA	EOL	RAF
Campos	Teresa	Politis	Jim	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Silvis	Virginia	Univ, of Michi gan	Ann Arbor	MI	USA	EOL	RAF
Campos	Teresa	Stewart	Lisa	ULW	Boulder	CO	USA	EOL	RAF
Campos	Teresa	Varble	Adam	ULW	Boulder	CO	USA	EOL	RAF
Cole	Hal	Cocquerez	Phillippe		Toulouse		FRA	EOL	ISF
Cooper	Al	Goeke	Sabine	Univ. of Illino is	Urbana	IL	USA	EOL	RAF

Cooper	Al	Holloway	John	NOAA	Boulder	CO	USA	EOL	RAF
Dirks	Richard	Abel	Steve	Met Office	Exeter		GBR	EOL	CDS
Dirks	Richard	Albrecht	Bruce	University of Miami	Miami	FL	USA	EOL	CDS
Dirks	Richard	Anderson	Jim	Arizona State	Tempe	AZ	USA	EOL	CDS
Dirks	Richard	Baker	Brad	SPEC	Boulder	CO	USA	EOL	CDS
Dirks	Richard	Bargus	Shauna	University of Miami	Miami	FL	USA	EOL	CDS
Dirks	Richard	Bewley	Jen	Purdue	West Lafayette	IN	USA	EOL	CDS
Dirks	Richard	Blyth	Alan	University of Leeds	Leeds		GBR	EOL	CDS
Dirks	Richard	Brenguler	Jean-Louis	CNRM	Toulouse		FRA	EOL	CDS
Dirks	Richard	Brewer	Alan	NOAA/ETL	Boulder	CO	USA	EOL	CDS
Dirks	Richard	Brown	Phil	Met Office	Exeter		GBR	EOL	CDS
Dirks	Richard	Brunet	Frederic	CNRM	Toulouse		FRA	EOL	CDS
Dirks	Richard	Chuang	Patrick	Univ. of Calif ornia	Santa Cruz	CA	USA	EOL	CDS
Dirks	Richard	Colon-Robles	Marlie	University of Iowa	Iowa City	IA	USA	EOL	CDS
Dirks	Richard	Davison	Jennifer	University of Iowa	Iowa City	IA	USA	EOL	CDS
Dirks	Richard	Fairall	Chris	NOAA/ETL	Boulder	CO	USA	EOL	CDS
Dirks	Richard	Feingold	Graham	NOAA	Boulder	CO	USA	EOL	CDS
Dirks	Richard	Geerts	Bart	University of Wyoming	Laramie	WY	USA	EOL	CDS
Dirks	Richard	Gerber	Hermann	Gerber Scient ific, Inc.	So. Windsor	CT	USA	EOL	CDS
Dirks	Richard	Goeke	Sabine	University of Iowa	Iowa City	IA	USA	EOL	CDS
Dirks	Dick	Grubisic	Vanda	DRI	Reno	NV	USA	EOL	ISF
Dirks	Richard	Henry	Colleen	Purdue	West Lafayette te	IN	USA	EOL	CDS
Dirks	Richard	Hudson	Jim	DRI	Reno	NV	USA	EOL	CDS
Dirks	Richard	Jeng	Jo	University of Miami	Miami	FL	USA	EOL	CDS
Dirks	Richard	Krueger	Steven	University of Utah	Salt Lake Cit y	UT	USA	EOL	CDS
Dirks	Richard	Lasher-Trapp	Sonia	Purdue	West Lafayette te	IN	USA	EOL	CDS
Dirks	Richard	Lowenstein	Jason	Leeds	Leeds		GBR	EOL	CDS
Dirks	Richard	Mayol-Bracer o	Olga	Puerto Rico	San Juan		PRI	EOL	CDS
Dirks	Richard	Nuijens	Louise	Wageningen /UCLA	Los Angeles	CA	USA	EOL	CDS
Dirks	Richard	O'Donnell	Dennis	University of Wyoming	Laramie	WY	USA	EOL	CDS
Dirks	Richard	Pavenlenishv illi	Nino	University of Wyoming	Laramie	WY	USA	EOL	CDS
Dirks	Richard	Pavlos	Kollias	Brookhaven	Brookhaven	NY	USA	EOL	CDS
Dirks	Richard	Peter	Justin	Leeds	Leeds		GBR	EOL	CDS
Dirks	Richard	Rauber	Robert	U of Iowa	Iowa City	IA	USA	EOL	CDS
Dirks	Richard	Schlueter	Helena	University of Utah	Salt Lake Cit y	UT	USA	EOL	CDS
Dirks	Richard	Siebesma	Pier	KNMI	De Bilt		NLD	EOL	CDS
Dirks	Richard	Small	Jen	Santa Cruz	Santa Cruz	CA	USA	EOL	CDS
Dirks	Richard	Snodgrass	Eric	University of of Iowa	Iowa City	IA	USA	EOL	CDS
Dirks	Richard	Stevens	Bjorn	UCLA	Los Angeles	CA	USA	EOL	CDS
Dirks	Richard	Thornton	Donal	Drexel	Philadelphia	PA	USA	EOL	CDS
Dirks	Richard	Trivej	Panu	UCLA	Los Angeles	CA	USA	EOL	CDS
Dirks	Richard	Vali	Gabor	University of Wyoming	Laramie	WY	USA	EOL	CDS
Dirks	Richard	Vanzenten	Margreet	KNMI	De Bilt		NLD	EOL	CDS
Dirks	Richard	Vayas	Shaunna	University of Miami	Miami	FL	USA	EOL	CDS

Dirks	Richard	Zhao	Fuanyu	University of Iowa	Iowa City	IA	USA	EOL	CDS
Ellis	Scott	Deierling	Wiebke	Univ. of Alabama	Huntsville	AL	USA	EOL	DIR
Ellis	Scott	Goeke	Sabine	University of Illinois	Urbana	IL	USA	EOL	RSF
Flocke	Frank	Brunn	William	Penn. State	Philadelphia	PA	USA	EOL	RAF
Fried	Alan	Wert	Ryan	University Of Colorado	Boulder	CO	USA	EOL	TDF
Friesen		Friehe	Carl	UC Irvine	Irvine	CA	USA	EOL	RAF
Friesen	Dick	Garrison	Jim	Purdue	Lafayette	IN	USA	EOL	RAF
Haggarty	Julie	Kampe	Tom	Ball Aerospace	Boulder	CO	USA	EOL	RAF
Hock	Terry	Bartee	MSGT Tobey	Keesler Air Force Base	Biloxi	MS	USA	EOL	ISF
Hock	Terry	Bartee	MSgt Tobey	Keesler Air Force Base	Biloxi	MS	USA	EOL	ISF
Hock	Terry	Bartee	Toby	Keesler Air Force Base	Biloxi	MS	USA	EOL	ISF
Hock	Terry	Black	Michael	NOAA	Boulder	CO	USA	EOL	ISF
Hock	Terry	Cochran	MSgt Barry	Robins AFB	Robins AFB	GA	USA	EOL	ISF
Hock	Terry	Franklin	James	NOAA	Miami	FL	USA	EOL	ISF
Hock	Terry	Goldstein	Alan	NOAA	Tampa	FL	USA	EOL	ISF
Hock	Terry	Goss	Ken	Vaisala	Woburn	MA	USA	EOL	ISF
Hock	Terry	Ilkka	Ikonen	Vaisala	Vantaa		FIN	EOL	ISF
Hock	Terry	Jones	Ryan	Hill AFB	West Valley City	UT	USA	EOL	ISF
Hock	Terry	Lawrence	Byron	Vaisala	Vantaa		FIN	EOL	ISF
Hock	Terry	Lewsen	Robert	Hill AFB	West Valley City	UT	USA	EOL	ISF
Hock	Terry	Nicoll	Tim	Vaisala	Louisville	CO	USA	EOL	ISF
Hock	Terry	Potts	Nicholas	University of Florida	Gainesville	FL	USA	EOL	DIR
Hock	Terry	Renwick	Stephen	Keesler AFB	Gulfport	MS	USA	EOL	ISF
Hock	Terry	Smith	Thomas	Vaisala	Louisville	CO	USA	EOL	ISF
Hock	Terry	Smith	Jeff	NOAA	Tampa	FL	USA	EOL	ISF
HOck	Terry	Stadelman	Andy	Hill AFB	West Valley City	UT	USA	EOL	ISF
HOck	Terry	Stadelman	Andy	Hill AFB	West Valley City	UT	USA	EOL	ISF
Hock	Terry	Stadelman	Andy	Hill AFB	West Valley City	UT	USA	EOL	ISF
Hock	Terry	Summers	Sara	NOAA	Boulder	CO	USA	EOL	ISF
Hock	Terry	Talbot	Anthony	Hill AFB	West Valley City	UT	USA	EOL	ISF
Jensen	Jorgen	Albee	Rob	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Allen	Bob	Yale	New Haven	CT	USA	EOL	RAF
Jensen	Jorgen	Bai	Jianhui	Institute of Atmospheric Physics, Chinese Academy of Sciences	Beijing		CHN	EOL	RAF
Jensen	Jorgen	Baker	Angela	UC Irvine	Irvine	CA	USA	EOL	RAF
Jensen	Jorgen	Brewer	Alan	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Briggs	John	DMT	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Bright	Jeff	Leeds	Denver	CO	USA	EOL	RAF
Jensen	Jorgen	Brown	Hector	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Buere	William	Penn State	Philadelphia	PA	USA	EOL	RAF
Jensen	Jorgen	Carnico	John	NSF	Arlington	VA	USA	EOL	RAF
Jensen	Jorgen	Christon	Andres	TU Berlin	Berlin		DEU	EOL	RAF
Jensen	Jorgen	Chung	Serena	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Clement	Robert	University of Edinburgh Scotland	Edinburgh		SCL	EOL	RAF
Jensen	Jorgen	Dan	Li	Institute of Atmospheric Physics, Chinese Academy of Sciences	Beijing		CHN	EOL	RAF

Jensen	Jorgen	DeCarlo	Peter	University of Colorado	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Doyle	James	NRL	Patuxent River	MD	USA	EOL	RAF
Jensen	Jorgen	Filerto	Carl	NSF	Arlington	CO	USA	EOL	RAF
Jensen	Jorgen	Fromzer	Victor	SESI	San Diego	CA	USA	EOL	RAF
Jensen	Jorgen	Goldstein	Alan	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Haines-Stiles	Geoffrey	Geoffrey Haines-Stiles Productions	Summit	NJ	USA	EOL	RAF
Jensen	Jorgen	Hayward	Stan	LUND University Swedian	Lund		SWL	EOL	RAF
Jensen	Jorgen	Holloway	John	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Huong	Mei	IGSNRR. CAS	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Kanakidou	Maria	University of Crete Greece	Crete		GRS	EOL	RAF
Jensen	Jorgen	Law	Daniel	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Lehner	Irene	University of Basel, Switzerland	Basel		SWL	EOL	RAF
Jensen	Jorgen	Li	Yanping	Yale	New Haven	CT	USA	EOL	RAF
Jensen	Jorgen	Macintre	Doug	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Marcotte	Dave	NRL	Patuxent River	MD	USA	EOL	RAF
Jensen	Jorgen	Mederow	Lita	TU Dresden, Germany	Dresden		DEU	EOL	RAF
Jensen	Jorgen	Qingtang	Jiang	NRL	Patuxent River	MD	USA	EOL	RAF
Jensen	Jorgen	Sheridan	Pat	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Smith	Jeff	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Thornton	Don	Drexel University	Philadelphia	PA	USA	EOL	RAF
Jensen	Jorgen	Vrekoussis	Mihalis	University of Crete	Crete		GRC	EOL	RAF
Jensen	Jorgen	Weichmann	Ann	NOAA	Boulder	CO	USA	EOL	RAF
Jensen	Jorgen	Woods	Bryan	Yale	New Haven	CT	USA	EOL	RAF
Jenson	Jorgen	Dalton	Steve	NSF	Arlington	VA	USA	EOL	RAF
Lee	Wen-Chau	Gongchao	Zhu	Nanjing University of Information, Science & Technology	Nanjing		CHN	EOL	RSF
Lee	Wen-Chau	Goodman	Keith	SOARS	Norfolk	VA	USA	EOL	RSF
Lee	Wen-Chau	Hence	Deanna	University of Washington	Seattle	WA	USA	EOL	RSF
Lee	Wen-Chau	Jou	Ben J.-D.	National Taiwan University	Taipei		TWN	EOL	RSF
Lee	Wen-Chau	Lai	Hsiao-Wei	National Taiwan University	Taipei		TWN	EOL	RSF
Lee	Wen-Chau	Qilong	Miao	Nanjing University of Information, Science & Technology	Nanjing		CHN	EOL	RSF
Lee	Wen-Chau	Qingyun	Wang	Nanjing University of Information, Science & Technology	Nanjing		CHN	EOL	RSF
Lee	Wen-chau	Robinson	Paul	CSWR	Boulder	CO	USA	EOL	DIR
Lee	Wen-Chau	Shengjie	Niu	Nanjing University of Information, Science & Technology	Nanjing		CHN	EOL	RSF
Lee	Wen-chau	Wei	Chih-Hsein	University of Defense	Dashi		TWN	EOL	DIR

Lee	Wen-Chau	Westwater	Ed	CIRES (CU/N OAA)	Boulder	CO	USA	EOL	RSF
Lee	Wen-Chau	Zhenhui	Wang	Nanjing Univ ersity of Information, Science & Technology	Nanjing		CHN	EOL	RSF
Loew	Eric	Gasiewski	Al	CU	Boulder	CO	USA	EOL	RSF
Loew	Eric	Halmov	Samuel	University of Wyoming	Laramie	WY	USA	EOL	RSF
Loew	Eric	Matrosov	Sergey	Cooperative Institute for Research in the Environmental Sciences	Boulder	CO	USA	EOL	RSF
Loew	Eric	Moran	Ken	NOAA/ESRL	Boulder	CO	USA	EOL	DIR
Loew	Eric	Sekelsky	Stephen	Remote Sen sing Solutions, Inc.	New York	NY	USA	EOL	RSF
Lord	Mark	Hirst	Edwin	Hartfordshire England	Hartfordshire		ENG	EOL	RAF
Lord	Mark	Huebler	Gerhard	NOAA	Boulder	CO	USA	EOL	RAF
Mayor	Shane	Gentry	Bruce	NASA - Godd ard Space Flight Center	Greenbelt	MD	USA	EOL	RSF
Mayor	Shane	Hovis	Floyd	Fibertek	Herndon	VA	USA	EOL	RSF
Mayor	Shane	Ismail	Syed	NASA - Langl ey	Langley	VA	USA	EOL	RSF
Mayor	Shane	Langford	Seth	Sustainable Energy Technologies & Strat			NZL	EOL	RSF
Mayor	Shane	Refaat	Tamer	Old Dominio n University	Norfolk	VA	USA	EOL	RSF
Mayor	Shane	Rubio	Manuel	Old Dominio n University	Norfolk	VA	USA	EOL	RSF
Mayor	Shane	Swalwell	Katrina	Sustainable Energy Technologies & Strat			NZL	EOL	DIR
Mayor	Shane	Wiser	Andreas	University of Karlsruhe, Germany	Karlsruhe		DEU	EOL	RSF
Mayror	Shane	Mack	Terry	Lockheed Ma rtin	Boulder	CO	USA	EOL	RAF
Metz	Sara	Browell	Edward	NASA	Washington	DC	USA	EOL	DIR
Metz	Sara	Dabberdt	Walt	Vaisala Corp.	Boulder	CO	USA	EOL	DIR
Metz	Sara	Emery	Bill	University of Colorado	Boulder	CO	USA	EOL	DIR
Metz	Sara	Klein	Petra	University of Oklahoma	Norman	OK	USA	EOL	DIR
Metz	Sara	Ramanathan	V.	Scripps Instit ute of Oceanography	La Jolla	CA	USA	EOL	DIR
Metz	Sara	Stutz	Jochen	UCLA	Los Angeles	CA	USA	EOL	DIR
Moore	Jim	Brockstieger	Heinrich	DLR	Oberpfaffenhofen		DEU	EOL	RAF
Moore	Jim	Giez	Andreas	DLR	Oberpfaffenhofen		DEU	EOL	RAF
Moore	Jim	Glasser	Mirko	DLR	Oberpfaffenhofen		DEU	EOL	RAF
Moore	Jim	Herd	Jeff	MIT Lincoln L aboratory	Cambridge	MA	USA	EOL	FPS
Moore	Jim	Iturbide-San chez	Flavio	CSU	Ft. Collins	CO	USA	EOL	FPS
Moore	Jim	Krautstrunk	Monika	DLR	Oberpfaffenhofen		DEU	EOL	RAF
Moore	Jim	Padmanabha n	Sharmila	Colorado Sta te University	Ft. Collins	CO	USA	EOL	DIR
Moore	Jim	Weber	Mark	MIT Lincoln L aboratory	Cambridge	MA	USA	EOL	FPS
Moore	Jim	Wernsdorfer	Thomas	DLR	Oberpfaffenhofen		DEU	EOL	RAF
Moore	Jim	Ziereis	Helmut	DLR	Oberpfaffenhofen		DEU	EOL	RAF
Munson	Patricia	Cooreman	John	Gulfstream	Savannah	GA	USA	EOL	RAF
Munson	Pat	Gifillan	Dolsie	Gulfstream	Savannah	GA	USA	EOL	RAF
Munson	Patricia	Schank	Brian	Gulfstream	Savannah	GA	USA	EOL	RAF
Olson	Bob	Borden	Pat	Black Hawk Chinese Aca	Boulder	CO	USA	EOL	RAF

Parsons	Dave	Wang	Pengyon	demy of Meteorological Science	Beijing		CHN	EOL	DIR
Poulos	Greg	Bela	Megan	Stanford University	Palo Alto	CA	USA	EOL	ISF
Poulos	Greg	Chemel	Dr. Charles	Laboratory of Geophysical and Industrial Fluid Flowe	Grenoble		FRA	EOL	ISF
Poulos	Greg	Weiser	Andreas	Instut fur Meteorologie und Klimaforschung Atmosphärische Umweltforschung	Karlsruhe		DEU	EOL	ISF
Poulos	Greg	Wielke	Lucia-Maria	University of Vienna	Vienna		AUT	EOL	ISF
Ringleman	Ed	Le Hardy	Paul	UND	Grand Forks	ND	USA	EOL	RAF
Rogers	Dave	Bond	Tom	NASA Lewis	Cleveland	OH	USA	EOL	RAF
Rogers	Dave	Duncan	Axisa	Southern Og allala Aquifer Rainfall	Lincoln	NE	USA	EOL	RAF
Rogers	Dave	Giez	Andreas	DLR German y	Oberpfaffenhofen		DEU	EOL	RAF
Rogers	Dave	Hill	Eugene	FAA	Savannah	GA	USA	EOL	RAF
Rogers	Dave	kok	Greg	Droplet Meas urement Technologies	Boulder	CO	USA	EOL	RAF
Rogers	Dave	Krautstrunk	Monika	DLR German y	Oberpfaffenhofen		DEU	EOL	RAF
Rogers	Dave	Marcotte	David	NRC Canada	Ottawa		CAN	EOL	RAF
Rogers	Dave	Marcotte	David	NRC Canada	Ottawa		CAN	EOL	RAF
Rogers	Dave	Mengyu	Huang	Beijing weath er Modification Office	Beijing		CHN	EOL	RAF
Rogers	Dave	Murphy	Dan	NOAA	Boulder	CO	USA	EOL	RAF
Rogers	Dave	Myers	Barry	TC	Denver	CO	USA	EOL	RAF
Rogers	Dave	Ogren	Tom	NOAA	Boulder	CO	USA	EOL	RAF
Rogers	Dave	Schneider	Tim	NOAA	Boulder	CO	USA	EOL	RAF
Rogers	Dave	Shaw	Robert	NASA Lewis	Houston	TX	USA	EOL	RAF
Rogers	Dave	Villiers	Gerry	TC	Denver	CO	USA	EOL	RAF
Rogers	Dave	Wadel	Mary	NASA Lewis	Houston	TX	USA	EOL	RAF
Rogers	Dave	Wernsdorfer	Thomas	DLR German y	Oberpfaffenhofen		DEU	EOL	RAF
Rogers	Dave	Wilson	Chuck	DU	Denver	CO	USA	EOL	RAF
Rogers	Dave	Xincheng	Ma	Beijing Weat her Modification Office	Beijing		CHN	EOL	RAF
Rogers	Dave	Yu	Xiao-Ying	Pacific Northw est National Laboratory	Richland	WA	USA	EOL	RAF
Rogers	Dave	Ziereis	Helmut	DLR German y	Oberpfaffenhofen		DEU	EOL	RAF
Schanot	Allen	Aiken	Allison	CU Boulder	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Baker	Angela	UC Irvine	Irvine	CA	USA	EOL	RAF
Schanot	Allen	Beyersdolf	Andreas	UC Irvine	Irvine	CA	USA	EOL	RAF
Schanot	Allen	Clark	Antony	University of Hawaii	Honolulu	HI	USA	EOL	RAF
Schanot	Allen	Dunlea	Edward	C.U	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Dunlea	Edward	C.U	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Dunlea	Ed	CIRES	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Gilardoni	Stefania	UCSD	San Diego	CA	USA	EOL	RAF
Schanot	Allen	Holloway	John	NOAA	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Holloway	John	NOAA	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Howell	Steven	University of Hawaii	Honolulu	HI	USA	EOL	RAF

Schanot	Allen	Kimmel	Joel	CIRES	Boulder	CO	USA	EOL	RAF
Schanot	Allen	McNaughton	Cam	University of Hawaii	Honolulu	HI	USA	EOL	RAF
Schanot	Allen	Middlebrook	Amy	NOAA	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Nelson	Wren	OPHIR	Littleton	CO	USA	EOL	RAF
Schanot	Allen	O'Brien	Martin	OPHIR	Littleton	CO	USA	EOL	RAF
Schanot	Allen	O'Connor	Darren	SPEC	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Parrisa	David	NOAA	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Peltier	Rick	Georgia Tech	Atlanta	GA	USA	EOL	RAF
Schanot	Allen	Pinterton	Mitch	University of Hawaii	Honolulu	HI	USA	EOL	RAF
Schanot	Allen	Russell	Lynn	UCSD/SIO	San Diego	CA	USA	EOL	RAF
Schanot	Allen	Spaeth	Lisa	OPHIR	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Stark	Haral	NOAA/ Caltec h Group	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Stephen	Donna	CU	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Walker	John	DMT	Boulder	CO	USA	EOL	RAF
Schanot	Allen	Zhou	Jingchuan	University of Hawaii	Honolulu	HI	USA	EOL	RAF
Spuler	Scott	Avilez	Tomas	University of Arizona	Tucson	AZ		EOL	RSF
Spuler	Scott	Avilez	Tomas	University of Arizona	Tucson	AZ	USA	EOL	DIR
Stephens	Britt	Bowling	Dave	Univ. of Utah	Salt Lake City	UT	USA	EOL	RAF
Stephens	Britt	Cahyono	Eko		Depok		IND	EOL	RAF
Stephens	Britt	Campbell	Elliott	U of C	Boulder	CO	USA	EOL	RAF
Stephens	Britt	Chas	Dan	NOAA	Boulder	CO	USA	EOL	RAF
Stephens	Britt	Harro	Martin	Germany	Oberpfaffenhofen		DEU	EOL	RAF
Stephens	Britton	Heck	Sherry	CU	Boulder	CO	USA	EOL	RAF
Stephens	Britton	Manning	Andrew	University of East Anglia	Norwich		CAN	EOL	RAF
Stephens	Britt	Masarie	Ken	NOAA	Boulder	CO	USA	EOL	RAF
Stephens	Britt	Schaeffer	Senn	Univ. of Utah	Salt Lake City	UT	USA	EOL	RAF
Stephens	Britton	Toohy	Darin	CU	Boulder	CO	USA	EOL	RAF
Stith	Jeff	Chu	Xinzhaus	Univ. of Colo rado	Boulder	CO	USA	EOL	RAF
Stith	Jeff	Thayer	Jeff	C.U.	Boulder	CO	USA	EOL	RAF
Susedik	Mike	Cox	Brian	Ball Aerospac e	Boulder	CO	USA	EOL	RAF
Susedik	Mike	Sreenivas	Ajay	Ball Aerospac e	Boulder	CO	USA	EOL	RAF
Vivekananda n	J.	Chang	Wei-Yu	National Cen tral University	Taipei		TAI	EOL	RSF
Vivekananda n	J.	Chen Wang	Tai-Chi	National Cen tral University	Taipei		TWN	EOL	RSF
Vivekananda n	J.	Duan	Chunjie	Mitsubishi El ectric	Miami	FL	USA	EOL	RSF
Vivekananda n	J.	Hogan	Robin	University of Reading, UK	Reading		GBR	EOL	RSF
Vivekananda n	J.	Jordan	Jim	NOAA	Boulder	CO	USA	EOL	RSF
Vivekananda n	J.	Law	Dan	NOAA	Boulder	CO	USA	EOL	RSF
Vivekananda n	J.	Padmanabha n	Sharmila	CSU	Fort Collins	CO	USA	EOL	RSF
Vivekananda n	J.	Paul	Suganth	Texas A&M	College Stati on	TX	USA	EOL	RSF
Vivekananda n	J.	Simons	Rainee	NASA - Glenn Research Center	Cleveland	OH	USA	EOL	RSF
Vivekananda n	J.	Wiesner	Peter	IEEE	Denver	CO	USA	EOL	RSF
Vivekananda n	J.	Wurman	Josh	CSWR	Boulder	CO	USA	EOL	DIR
Vivekananda n	J.	Zhang	Guifu	University of Oklahoma	Norman	OK	USA	EOL	RSF
Wang	Junhong	Zuidema	Paquita	RSMAS/MPO, University of Miami	Miami	FL	USA	EOL	ISF
Weckwerth	Tammy	Aguilar	Theresa	Texas Tech U niversity	Lubbock	TX	USA	EOL	RSF

Weckwerth	Tammy	Bennett	Lindsay	University of Leeds	Leeds		GBR	EOL	RSF
Weckwerth	Tammy	Marsham	John	University of Leeds, UK	Leeds		GBR	EOL	RSF
Zurbek	Kurt	Burkhart	Matt	University of Wyoming	Laramie	WY	USA	EOL	RAF
		Campbell	Carroll	NOAA/ESRL	Boulder	CO	USA	EOL	DIR

Metrics: People & Organization

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ESSL Staff ([back to People & Organization](#))

There were 364 ESSL Staff Members in FY 2006

Employee Last Name	Employee First Name	Position Title	NCAR Lab	Group
Ahijevych	David	Associate Scientist III	ESSL	MMM
Alouaz	Tayeb	Post Doc II	ESSL	HAO
Ammann	Caspar	Scientist II	ESSL	CGD
Anderson	Rebecca	Postgraduate Sci	ESSL	ACD
Apel	Eric C	Associate Scientist IV	ESSL	ACD
Arellano, Jr.	Avelino	Post Doc I	ESSL	ACD
Aulenbach	Steven	Associate Scientist III	ESSL	CGD/TIIMES
Bailey	David	Associate Scientist II	ESSL	CGD
Baker	David	Visiting Scientist	ESSL	CGD/TIIMES
Ballard	Barbara	Administrative Assistant III	ESSL	CGD
Bansemmer	Aaron	Associate Scientist II	ESSL	MMM
Barker	Dale	Project Scientist III	ESSL	MMM
Barth	Mary	Scientist III	ESSL	MMM/ACD
Beierle	Louise	Administrative Assistant III	ESSL	HAO
Belote	Angela	Casual - Engineering	ESSL	ACD
Bonan	Gordon	Senior Scientist Section Head	ESSL	TIIMES/CGD
Book	Christina	Administrative Assistant III	ESSL	CGD
Borrero Santiago	Juan M	Project Scientist I	ESSL	HAO
Boyd	William	System Administrator III	ESSL	MMM
Bradley	William E	Technician III	ESSL	ACD
Brady	Esther	Project Scientist I	ESSL	CGD
Branstator	Grant	Senior Scientist	ESSL	CGD
Brasseur	Guy	NCAR Associate Director	ESSL	ESSL
Bray	John	System Engineer III	ESSL	MMM
Bresch	James	Project Scientist I	ESSL	MMM

Briegleb	Bruce	Associate Scientist IV	ESSL	CGD
Bruyere	Cindy	Associate Scientist II	ESSL	MMM
Bryan	George	Scientist I	ESSL	MMM
Bryan	Frank	Scientist III	ESSL	CGD
Buja	Lawrence	Software Engineer IV	ESSL	CGD
Burkepile	Joan R	Project Scientist III	ESSL	HAO
Burns	Sean	Associate Scientist II	ESSL	MMM/TIIMES
Burns	Alan	Project Scientist II	ESSL	HAO
Butler	Lisa	Administrative Assistant III	ESSL	CGD
Calvert	Jack G	Sr Sci Emeritus	ESSL	ACD
Campos	Teresa	Project Scientist II	ESSL	ACD
Cantrell	Terri	Contract & Web	ESSL	TIIMES
Cantrell	Chris A	Scient III Sect Head	ESSL	ACD
Carbone	Richard	Institute Director	ESSL	TIIMES
Card	Gregory L	Engineer II	ESSL	HAO
Caron	Julie	Associate Scientist III	ESSL	CGD/TIIMES
Casini	Roberto	Scientist III	ESSL	HAO
Castilleja	Jose	System Administrator II	ESSL	MMM
Cavanaugh	Charles P	Soft Eng/Prog III	ESSL	ACD
Cervantes	Lara	Division/Program Administrator II	ESSL	ACD
Chambellan	Clarke W	Engineer III	ESSL	HAO
Chapin	Elizabeth A	Division/Program Administrator I	ESSL	HAO
Chavez	Susan	Administrative Assistant III	ESSL	CGD
Chen	Jack	Post Doctoral visitor	ESSL	CGD
Chen	Fei	Scientist III	ESSL/RAL	TIIMES/ RAL
Coen	Janice	Project Scientist II	ESSL	MMM
Coffey	Michael T	Sr Scient Sect Head	ESSL	ACD
Coleman	Dani	Associate Scientist II	ESSL	CGD
Collins	William	Senior Scientist	ESSL	CGD
Conley	Andrew	Associate Scientist III	ESSL	CGD
Conrad	Kris	Web Specialist	ESSL	MMM
Craig	Cheryl A	Soft Eng/Prog III	ESSL	ACD
Creevey	Orlagh	Graduate Research Assistant/Post	ESSL	HAO
Criscuoli	Serena	Graduate Research Assistant/Post	ESSL	HAO
Dai	Aiguo	Scientist II	ESSL	CGD/TIIMES
Danabasoglu	Gokhan	Scientist II	ESSL	CGD
Darnell	John Anthony	Associate Scientist III	ESSL	HAO
D'attilo	Garth	Systems Adr II	ESSL	ACD
Davis	Christopher	Scientist III	ESSL	MMM/RAL
Deeter	Merritt	Project Scientist II	ESSL	ACD
Deser	Clara	Senior Scientist	ESSL	CGD
Detoma	Giuliana	Project Scientist I	ESSL	HAO
Di Giacomo	Lionel	Student Assistant II	ESSL	CGD
Dikpati	Mausumi	Scientist II	ESSL	HAO
Dowell	David	Scientist I	ESSL	MMM
Duda	Michael	System Engineer I	ESSL	MMM
Dudhia	Jimy	Project Scientist II	ESSL	MMM
Dye	James	Scientist Emeritus	ESSL	MMM
Eaton	Brian	Software Engineer IV	ESSL	CGD
Eden	Thomas	Project Scientist II	ESSL	ACD
Edwards	David P	Scientist III	ESSL	ACD
Eisele	Fred	Sr Research Assoc	ESSL	ACD
Elmore	David F	Engineer IV	ESSL	HAO
Emery	Barbara A	Associate Scientist IV	ESSL	HAO
Emmons	Louisa	Scientist II	ESSL	ACD/TIIMES
Fan	Yuhong	Scientist III Section Head	ESSL	HAO
Fasullo	John	Associate Scientist II	ESSL	CGD
Feddema	Diane	Casual Employee	ESSL	CGD
Field	Paul	Scientist I	ESSL	MMM

Fischer	Chris	Associate Scientist II	ESSL	CGD
Fischer	Kathy	Systems Administrator II	ESSL	CGD
Flocke	Frank Moran	Scientist III	ESSL	ACD
Foster	Benjamin T	Soft Eng/Prog IV	ESSL	HAO
Fox	Peter A	HAO Comp Scientist	ESSL	HAO
Francis	Gene L	Project Scientist II	ESSL	ACD
Fredrick	Sherrie	System Engineer II	ESSL	MMM
Fredrick	Timothy Eugene	Systems Adr III	ESSL	ACD
Friedli	Hans	Sr Research Assoc	ESSL	ACD
Gabbard	Steve G.	Engineer III	ESSL	ACD
Gamblin	Barry	Systems Adr III	ESSL	HAO
Garcia	Rolando R	Senior Scientist	ESSL	ACD
Garcia	Jose	Soft Eng/Prog III	ESSL	HAO
Gardiner	Elizabeth	Education Designer I	ESSL/UCAR	TIIMES/E&O
Gent	Peter	Senior Scientist	ESSL	CGD
Genyuk	Julia	Softward Engineer/Programmer II	ESSL/UCAR	TIIMES/E&O
Gettelman	Andrew	Scientist II	ESSL	CGD
Gibson	Sarah	Scientist II	ESSL	HAO
Gill	David	System Engineer III	ESSL	MMM
Gille	John C	EOS Program Mgr	ESSL	ACD
Gilman	Peter A	Senior Scientist	ESSL	HAO
Gochis	David	Scientist I	ESSL/RAL	TIIMES/RAL
Golden	Mary	Editorial Assistant II	ESSL	MMM
Goldman	Aaron	Visitor	ESSL	ACD
Grabowski	Wojciech	Senior Scientist	ESSL	MMM
Graham	Joanne	Administrator III	ESSL	CGD
Greenberg	James P	Biogeochem Eng	ESSL	ACD
Guenther	Alex	Senior Scientist Section Head	ESSL	ACD/TIIMES
Guenther	Alex B	Sr Scient Sect Head	ESSL	ACD
Guo	Yong-Run	Associate Scientist IV	ESSL	MMM
Hack	Christopher J	Casual - Admin/Clerk I/II	ESSL	HAO
Hack	James	Senior Scientist, Section Head, Deputy Division Direc	ESSL	CGD
Hall	Samuel R	Associate Scientist III	ESSL	ACD
Hall	William	Associate Scientist IV	ESSL	MMM
Halvorson	Chris M	Associate Scientist III	ESSL	ACD
Hannay	Cecile	Associate Scientist III	ESSL	CGD
Hannigan	James	Associate Scientist IV	ESSL	ACD
Hanson	David	Scientist III	ESSL	ACD
Harley	Peter	Associate Scientist III	ESSL	ACD
Harrold	Sara A	Student Asst II Cas	ESSL	ACD
Hartsough	Craig	Associate Scientist II	ESSL	CGD
Hendershot	Roger G	Design & Fabric Mgr	ESSL	ACD
Henderson	Thomas	System Engineer IV	ESSL	MMM/RAL
Herring	Jack	Scientist Emeritus	ESSL	MMM
Hess	Peter	Scientist III	ESSL	ACD/TIIMES
Heymsfield	Andrew	Senior Scientist	ESSL	MMM
Hibbard	Kathy	Project Scientist II	ESSL	CGD
Hills	Alan J	Project Scientist II	ESSL	ACD
Ho	Shu-Peng	Project Scientist I	ESSL	ACD
Holland	Gregory	Division Director	ESSL	MMM
Holland	Marika	Scientist II	ESSL	CGD
Holland	William	Senior Research Associate	ESSL	CGD
Holland	Elisabeth	Senior Scientist Section Head	ESSL	ACD/TIIMES
Hsu	Hsiao-Ming	Associate Scientist III	ESSL	MMM
Hu	Aixue	Project Scientist I	ESSL	CGD
Huang	Xiang Yu Hans	Project Scientist III	ESSL	MMM
Hurrell	James	Division Director	ESSL	CGD
Ikeda	Kyoko	Associate Scientist II	ESSL/RAL	TIIMES/RAL

Jee	Geonhwa	Post Doc II	ESSL	HAO
Jochum	Markus	Scientist I	ESSL	CGD
Johnson	Beverly	Administrative Assistant III	ESSL	HAO
Johnson	Pamela	Administrative Assistant III	ESSL & RAL	TIIMES/RAL
Judge	Phillip G	Senior Scientist	ESSL	HAO
Karl	Thomas	Scientist II	ESSL	ACD/TIIMES
Kasahara	Akira	Senior Research Associate	ESSL	CGD
Kauffman	Brian	Software Engineer III	ESSL	CGD
Kellogg	William	Senior Research Associate	ESSL	CGD
Kelly	Sudie	Program Administrator I	ESSL	MMM
Khosravi	Rashid	Project Scientist II	ESSL	ACD
Kidd	Patricia	Administrative Assistant II	ESSL	MMM
Kiehl	Jeffrey	Senior Scientist	ESSL	CGD
Kinnison	Douglas	Project Scientist II	ESSL	ACD
Klomp	Joseph	Senior Scientist	ESSL	MMM
Kleypaus	Joanie	Scientist II	ESSL/SERE	TIIMES/ISSE
Kluzek	Erik	Software Engineer III	ESSL	CGD
Knack	Amy	Administrative Assistant III	ESSL	HAO
Knapp	David	Associate Scientist III	ESSL	ACD
Knight	Nancy	Casual	ESSL	MMM
Knight	Charles	Senior Scientist	ESSL	MMM
Knoelker	Michael	Division Director	ESSL	HAO
Kolinski	Donald	Associate Scientist II	ESSL	HAO
Koon	Darryl A	Associate Scientist III	ESSL	HAO
Kosciuch	Edward	Associate Scientist III	ESSL	ACD
Kuo	Ying-Hwa	Senior Scientist	ESSL	MMM
Kwak	Young-Sil	Post Doc II	ESSL	HAO
Kwon	Young-Oh	Visiting Scientist	ESSL	CGD
LaGrave	Marina	Translator	ESSL/UCAR	TIIMES/E&O
Laing	Arlene	Scientist I	ESSL	MMM/UOP
Lamarque	Jean-Francois	Scientist II	ESSL	ACD
Large	William	Senior Scientist, Section Head	ESSL	CGD
Latham	John	Senior Research Associate	ESSL/UOP	MMM/COMET
Lawrence	David	Project Scientist I	ESSL	CGD
Lecinski	Alice R	Associate Scientist IV	ESSL	HAO
Lee	Hyunah	Project Scientist II	ESSL	ACD
Lee	Yen-huei	Software Engineer II	ESSL	CGD
Lee-Taylor	Julia M	Project Scientist I	ESSL	ACD/TIIMES
LeMone	Margaret	Senior Scientist	ESSL	MMM
Lenschow	Donald	Senior Scientist	ESSL	MMM
Levis	Samuel	Project Scientist I	ESSL	CGD/TIIMES
Levis	Sam	Project Scientist I	ESSL	CGD
Lindsay	Keith	Project Scientist I	ESSL	CGD/TIIMES
Lites	Bruce W	Senior Scientist Section Head	ESSL	HAO
Liu	Zhiquan	Project Scientist II	ESSL	MMM
Liu	Changhai	Project Scientist II	ESSL/EOL	MMM/TIIMES/EOL
Liu	Hanli	Scientist III	ESSL	HAO
Lorenz	Reta P	Division/Program Administrator III	ESSL	ACD
Low	Boon Chye	Senior Scientist	ESSL	HAO
Lu	Gang	Senior Scientist	ESSL	HAO
Lueb	Richard A	Casual - Engineering	ESSL	ACD
Lull	Ron J	Technician IV	ESSL	HAO
MacGregor	Keith B	Senior Scientist - Section Head	ESSL	HAO
Madden	Roland	Visiting Scientist	ESSL	CGD
Madronich	Sasha	Sr Scient Sect Head	ESSL	ACD
Mahowald	Natalie	Scientist III	ESSL	CGD/TIIMES
Mai	Andrew	Software Engineer II	ESSL	CGD
Mankin	William G	Casual - Sci III/IV	ESSL	ACD
Mann	Clarence	SOARS Student	ESSL/UCAR	TIIMES/SOARS

Manning	Kevin	Associate Scientist III	ESSL	MMM
Mao	Debbie Yuhua	Soft Eng/Prog II	ESSL	ACD
Marcum	Erika	Web Specialist	ESSL	CGD
Marsh	Daniel	Scientist II	ESSL	ACD
Martin	JoAnne	Administrative Assistant III	ESSL	CGD
Massie	Steven T	Scientist III	ESSL	ACD
Masters	Dallas S.	Project Scientist I	ESSL	ACD
Matsunaga	Sou	Post Doc II	ESSL	ACD
Mauldin	Roy Leon	Scientist III	ESSL	ACD
Maute	Astrid	Associate Scientist III	ESSL	HAO
McKenna	Daniel	Senior Scientist	ESSL	ACD
Meehl	Gerald	Senior Scientist	ESSL	CGD
Merkel	Aimee W	Project Scientist I	ESSL	ACD
Michalakes	John	System Engineer IV	ESSL	MMM
Middleton	Adrianne	Casual Employee	ESSL	CGD
Miesch	Mark	Project Scientist I	ESSL	HAO
Miller	Victoria	Administrative Assistant III	ESSL	ACD
Miloshevich	Larry	Associate Scientist IV	ESSL	MMM
Moeng	Chin-Hoh	Senior Scientist	ESSL	MMM
Moncrieff	Mitchell	Senior Scientist	ESSL	MMM
Montoya	Rudy G	Technician II	ESSL	ACD
Montzka	Denise D	Associate Scientist II	ESSL	ACD
Moore	Mark	Systems Administrator III	ESSL	CGD
Moran	Mike	ESSL Laboratory Manager	ESSL	ESSL
Morgan	Kathy	Division/Program Administrator III	ESSL	MMM
Morss	Rebecca	Scientist II	ESSL	MMM
Moshak	Helen	Division/Program Administrator III	ESSL	HAO
Nardi	Bruno	Project Scientist II	ESSL	ACD
Neale	Richard	Project Scientist I	ESSL	CGD
Nelson	Peter Gregory	Engineer III	ESSL	HAO
Nesnadny	Kim	Systems Administrator I	ESSL	CGD
Nevison	Cindy	Visiting Scientist	ESSL	CGD
Newton	Chester	Senior Research Associate	ESSL	CGD
Norton	Nancy	Software Engineer III	ESSL	CGD
Obbink	Elizabeth	Casual Employee	ESSL	CGD
Oleson	Keith	Project Scientist I	ESSL	CGD
Oleson	Keith	Project Scientist II	ESSL	CGD/TIEMS
Olson	Jerry	Software Engineer III	ESSL	CGD
Oncley	Steven	Project Scientist II	ESSL/EOL	TIEMS/EOL
Orlando	John J	Senior Scientist	ESSL	ACD
Otto-Bliesner	Bette	Scientist III	ESSL	CGD
Packman	Daniel	Soft Eng/Prog III	ESSL	ACD
Park	Mijeong	Post Doc I	ESSL	ACD
Parsons	David	Senior Scientist Section Head	ESSL/EOL	TIEMS/EOL
Patton	Edward (Ned)	Project Scientist I	ESSL	MMM/ISSE
Patton	Edward	Project Scientist I	ESSL	MMM/TIEMS
Petruzzi	Barbara	Administrative Assistant III	ESSL	ESSL
Pfau	Bernadette	Systems Administrator III	ESSL	HAO
Pfister	Gabriele	Project Scientist I	ESSL	ACD
Phillips	Adam	Associate Scientist III	ESSL	CGD
Pietarila	Anna M	Graduate Research Assistant/Post	ESSL	HAO
Pollack	Iana	Postgraduate Sci	ESSL	ACD
Potemkin	Gaylynn	Administrative Assistant III	ESSL	CGD
Pouquet	Annick	ESSL Deputy Director	ESSL	ESSL
Powers	Jordan	Project Scientist III	ESSL	MMM
Qian	Liyang	Associate Scientist II	ESSL	HAO
Qian	Taotao	Associate Scientist II	ESSL	CGD
Randel	William	Senior Scientist	ESSL	ACD

Rasch	Philip	Senior Scientist	ESSL	CGD
Rasmussen	Roy	Senior Scientist Section Head	ESSL/RAL	TIIMES/RAL
Rast	Mark P	Casual - Scientist III/IV	ESSL	HAO
Rathbone	Gerald Jeffery	Post Doc I	ESSL	ACD
Rempel	Matthias	Scientist I	ESSL	HAO
Richmond	Arthur D	Senior Scientist - Section Head	ESSL	HAO
Richter	Jadwiga	Scientist I	ESSL	CGD
Ridley	Brian A	Acting Division Director	ESSL	ACD
Rigler	Erin Joshua	Post Doc II	ESSL	HAO
Rivas	Teresa	Institute Administrator II	ESSL	TIIMES
Rizvi	Syed Rafat Husain	Associate Scientist III	ESSL	MMM
Roble	Raymond G	Senior Scientist	ESSL	HAO
Rosenbloom	Nancy	Associate Scientist III	ESSL	CGD/TIIMES
Rothstein	Mathew	Software Engineer III	ESSL	CGD
Rotunno	Richard	Deputy Division Director	ESSL	MMM
Russell	Randy	Education Designer	ESSL/UCAR	TIIMES/E&O
Sandoval	Kay	System Administrator I	ESSL	MMM
Sanerib	Donna L	Administrative Assistant III	ESSL	ACD
Sassi	Fabrizio	Project Scientist II	ESSL	CGD
Schauffler	Sue Myhre	Deputy Division Director	ESSL	ACD
Schimmel	David	Senior Scientist	ESSL	CGD/TIIMES
Schmitt	Carl	Associate Scientist II	ESSL	MMM
Seagraves	Paul	Casual - Software Eng/Prog III/IV	ESSL	HAO
Shea	Dennis	Associate Scientist IV	ESSL	CGD
Shearer	Stephanie	Administrative Assistant III	ESSL	CGD
Shertz	Stephen	Engineer III	ESSL	TIIMES
Shetter	Richard E	Engineer IV	ESSL	ACD
Shields	Christine	Associate Scientist III	ESSL	CGD
Shiver	Lydia	Administrator II	ESSL	CGD
Skamarock	William	Senior Scientist	ESSL	MMM
Skumanich	Andrew P	Casual - Scientist III/IV	ESSL	HAO
Slagel	Bonnie	Administrative Assistant III	ESSL	MMM
Smith	Lesley	Associate Scientist II	ESSL	CGD
Smith	James N	Scientist II	ESSL	ACD
Smith	Anne Kidder	Senior Scientist	ESSL	ACD
Smolarkiewicz	Piotr	Senior Scientist	ESSL	MMM
Snyder	Christopher	Senior Scientist	ESSL	MMM
Socas-Navarro	Hector	Scientist II	ESSL	HAO
Solomon	Stanley	Senior Scientist - Section Head	ESSL	HAO
Stanger	Andrew L	Casual - Associate Scientist III/IV	ESSL	HAO
Starr	Gina Lee	Web Specialist	ESSL	HAO
Stephens	Britton	Scientist II	ESSL	CGD/TIIMES
Stern	Ilana	Casual Employee	ESSL	CGD
Stone	Marilena M	Administrative Assistant III	ESSL	ACD
Strand	Gary	Software Engineer II	ESSL	CGD
Streander	Kim V	HAO Instrument Group Manager	ESSL	HAO
Stueben	Allen G	Associate Scientist II	ESSL	HAO
Sullivan	Peter	Scientist III	ESSL	MMM/TIIMES
Sun	Jielun	Scientist III	ESSL	MMM
Sun	Juanzhen	Scientist III	ESSL	MMM
Sun	Jielun	Scientist III	ESSL/EOL	TIIMES/EOL
Tang	Yongxin	Postgraduate Sci	ESSL	ACD
Teng	Haiyan	Associate Scientist II	ESSL	CGD
Tewari	Mukul	Associate Scientist III	ESSL/RAL	TIIMES/RAL
Thornton	Peter	Scientist II	ESSL	CGD/TIIMES
Tie	Xue X	Scientist III	ESSL	ACD
Ting	Liwen	Scientist II	ESSL	ACD/TIIMES
Tisone	Victor P	Soft Eng/Prog III	ESSL	HAO
Tomas	Robert	Associate Scientist III	ESSL	CGD

Tomczyk	Steven	Scientist III	ESSL	HAO
Trenberth	Kevin	Senior Scientist, Section Head	ESSL	CGD
Tribbia	Joseph	Senior Scientist, Section Head	ESSL	CGD
Trier	Stanley	Project Scientist II	ESSL	MMM/TIIMES/RAL
Truesdale	John	Software Engineer III	ESSL	CGD
Tunison	Barbara	Division/Program Adminstrator I	ESSL	ACD
Turnipseed	Andrew A	Project Scientist I	ESSL	ACD/TIIMES
Tuttle	John	Associate Scientist IV	ESSL	MMM/TIIMES
Tyndall	Geoffrey S	Sr Scient Sect Head	ESSL	ACD
Ullmann	Kirk	Associate Scientist I	ESSL	ACD
Vanchindorj	Ulziisaikhan	Graduate Research Assistant/Pre	ESSL	ACD
Vanderpol	John	Instrument Maker II	ESSL	ACD
vanLoon	Harry	Senior Research Associate	ESSL	CGD
Vertenstein	Mariana	Software Engineer IV	ESSL	CGD
Vitt	Francis M	Soft Eng/Prog III	ESSL	ACD
Vlasiy	Barbara	Administrator II	ESSL	CGD
Wainwright	Jack P	Administrative Assistant I	ESSL	ACD
Walters	Stacy	Soft Eng/Prog IV	ESSL	ACD
Wang	Wei	Associate Scientist IV	ESSL	MMM
Wang	Wenbin	Project Scientist I	ESSL	HAO
Wang	Junhong	Scientist II	ESSL/EOL	TIIMES/EOL
Warfel	Penny	Administrator I	ESSL	MMM
Washington	Warren	Senior Scientist, Section Head	ESSL	CGD
Watt	Andrew	Technician	ESSL/EOL	TIIMES/EOL
Waukau	Patricia	System Administrator III	ESSL	MMM
Weaver	Linda (Bobbie)	Administrative Assistant II	ESSL	MMM
Wehrheim	Nick	Systems Administrator II	ESSL	CGD
Weinheimer	Andrew John	Associate Scientist IV	ESSL	ACD
Weisman	Morris	Senior Scientist	ESSL	MMM
West	Patrick Craig	Soft Eng/Prog II	ESSL	HAO
White	Oran R	Senior Research Associate	ESSL	HAO
Wiedinmyer	Christine	Scientist I	ESSL	ACD/TIIMES
Wigley	Tom	Senior Scientist	ESSL	CGD
Williamson	David	Senior Scientist	ESSL	CGD
Wiltberger	Michael	Scientist II	ESSL	HAO
Wimert	Carol	Administrative Assistant III	ESSL	CGD
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Wu	Qian	Project Scientist II	ESSL	HAO
Wu	Fei	Soft Eng/Prog III	ESSL	ACD
Xiao	Qingnong	Project Scientist II	ESSL	MMM
Yasukawa	Eric A	Associate Scientist IV	ESSL	HAO
Yates	David	Project Scientist II	ESSL/RAL	TIIMES/RAL
Yeager	Stephen	Associate Scientist III	ESSL	CGD
Yin	Jeffrey	Scientific Visitor	ESSL	CGD
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ESSL Collaborators ([back to People & Organization](#))

There were 2147 ESSL Collaborators in FY 2006

Host Last Name	Host First Name	Collaborator Last Name	Collaborator First Name	Collaborator's Home Institution	City	State	Country	NCAR Lab	Group
Ammann	Caspar	Bradley	Ray	University of Massachusetts	Amherst	MA	USA	ESSL	CGD
Ammann	Caspar	Brohan	Phil	University of East Anglia	Norwich		GBR	ESSL	CGD
Ammann	Caspar	Goosse	Hugh	U. Catholique de Louvain	Louvain-la-Neuve		BEL	ESSL	CGD
Ammann	Caspar	Graham	Nicholas	HRC	San Diego	CA	USA	ESSL	CGD
Ammann	Caspar	Hughes	Malcolm	University of Arizona	Tucson	AZ	USA	ESSL	CGD
Ammann	Caspar	Jones	Phil	University of East Anglia	Norwich		GBR	ESSL	CGD
Ammann	Caspar	Joos	Fortunat	University of Bern	Bern		CHE	ESSL	CGD
Ammann	Caspar	Luterbacher	Juerg	University of Bern	Bern		CHE	ESSL	CGD
Ammann	Caspar	Mann	Malcolm	Pennsylvania State University	State College	PA	USA	ESSL	CGD
Ammann	Caspar	Muscheler	Raimund	NASA-GSFC	Greenbelt	MD	USA	ESSL	CGD
Ammann	Caspar	Naveau	Philippe	CNRS-LMD	Paris		FRA	ESSL	CGD
Ammann	Caspar	Oh	Hee-Seok	Seoul National University	Seoul		PRK	ESSL	CGD
Ammann	Caspar	Pielewski	Peter	U. Colorado - LASP	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Ritson	David	Stanford University	Stanford	CA	USA	ESSL	CGD
Ammann	Caspar	Robock	Alan	Rutgers University	New Brunswick	NJ	USA	ESSL	CGD
Ammann	Caspar	Rutherford	Scott	Roger Williams Univ.	Bristol	RI	USA	ESSL	CGD
Ammann	Caspar	Sardeshmukh	Prashant	NOAA ESRL	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Shin	Sang-Ik	NOAA ESRL	Boulder	CO	USA	ESSL	CGD
Ammann	Caspar	Timmermann	Axel	U. Hawaii - SOEST	Honolulu	HI	USA	ESSL	CGD

Ammann	Caspar	Wahl	Eugene	Alfred University	Alfred	NY	USA	ESSL	CGD
Ammann	Caspar	Woods	Tom	U. Colorado - LASP	Boulder	CO	USA	ESSL	CGD
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Apel	Eric	Blake	Donald	University of California, Irvine	Irvine	CA	USA	ESSL	ACD
Apel	Eric	Brauers	T	Forschungszentrum Jülich	Jülich		DEU	ESSL	ACD
Apel	Eric	Brune	W	Pennsylvania State University	University Park	PA	USA	ESSL	ACD
Apel	Eric	Calvert	Jack	Oak Ridge National Laboratory	Oak Ridge	TN	USA	ESSL	ACD
Apel	Eric	Fehsenfeld	Fred	NOAA ERL Aeronomy Laboratory	Boulder	CO	USA	ESSL	ACD
Apel	Eric	Koppmann	R	Forschungszentrum Jülich	Jülich		DEU	ESSL	ACD
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Apel	Eric	Riemer	D	University of Miami	Miami	FL	USA	ESSL	ACD
Apel	Eric	Roberts	J	NOAA ERL Aeronomy Laboratory	Boulder	CO	USA	ESSL	ACD
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Apel	Eric	Singh	HB	NASA Ames Research Center	Moffet Field	CA	USA	ESSL	ACD
Apel	Eric	Sive	B	University of New Hampshire	Durham	NH	USA	ESSL	ACD
Apel	Eric	Tan	D	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Apel	Eric	Zika	R	University of Miami	Miami	FL	USA	ESSL	ACD
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Arblaster	Julie	Hayhoe	Katherine	Texas Tech University	Lubbock	TX	USA	ESSL	CGD
Arblaster	Julie	Power	Scott	Bureau of Meteorology Research Centre	Melbourne		AUS	ESSL	CGD
Arblaster	Julie	Timbal	Bertrand	Bureau of Meteorology Research Centre	Melbourne		AUS	ESSL	CGD
Arblaster	Julie	White	Neil	Commonwealth Scientific and Industrial Research Organsation	Hobart		AUS	ESSL	CGD
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Bailey	David	Kirtman	Ben	George Mason University	Fairfax	VA	USA	ESSL	CGD
Bailey	David	Klinger	Barry	George Mason University	Fairfax	VA	USA	ESSL	CGD
Bailey	David	Schopf	Paul	George Mason University	Fairfax	VA	USA	ESSL	CGD
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Barker	Dale	Das	Ananda	India Meteorological Department	New Delhi		IND	ESSL	MMM
Barker	Dale	Lee	Eunjoo	Korean Meteorological Administration	Seoul		KOR	ESSL	MMM
Barker	Dale	LEE	Hee-Sang	Korean Meteorological Administration	Seoul		KOR	ESSL	MMM
				Korean Meteorological					

Barker	Dale	Park	Kwang-Joon	Administration	Seoul		KOR	ESSL	MMM
Barker	Dale	Routray	Ashish	Indian Institute of Technology	New Delhi	Delhi	IND	ESSL	MMM
Barker	Dale	Zou	Xiaolei	Florida State University	Tallahassee	FL	USA	ESSL	MMM
Barth	Mary	Alexander	Joan	NorthWest Research Associates	Boulder	CO	USA	ESSL	TIIMES
Barth	Mary	Bertram	Timothy	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Barth	Mary	Brune	William	Pennsylvania State University	University Park	PA	USA	ESSL	TIIMES
Barth	Mary	Clarke	Tony	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
Barth	Mary	Cohen	Ron	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Barth	Mary	Cooper	Owen	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Barth	Mary	Crawford	James	NASA Langley Research Center	Hampton	VA	USA	ESSL	TIIMES
Barth	Mary	deGouw	Joost	National Oceanic & Atmospheric Administration - ERL	Boulder	CO	USA	ESSL	TIIMES
Barth	Mary	Dunkerton	Timothy	NorthWest Research Associates	Bellevue	WA	USA	ESSL	TIIMES
Barth	Mary	Gahn	Steve	Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	TIIMES
Barth	Mary	Garrett	Tim	University of Utah	Salt Lake City	UT	USA	ESSL	TIIMES
Barth	Mary	Grell	George	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Barth	Mary	Helsdon	John	South Dakota School of Mines & Tech	Rapid City	SD	USA	ESSL	TIIMES
Barth	Mary	Howell	Steve	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
Barth	Mary	Huey	Greg	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Barth	Mary	Jimenez	Jose-Luis	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
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Barth	Mary	Krehbiel	Paul	New Mexico Institute of Technology	Socorro	NM	USA	ESSL	TIIMES
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Barth	Mary	MacGorman	Don	National Oceanic & Atmospheric Administration - NSSL	Boulder	CO	USA	ESSL	TIIMES
Barth	Mary	Mullendore	Gretchen	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	TIIMES
Barth	Mary	Petersen	Walter	University of Alabama, Huntsville	Huntsville	AL	USA	ESSL	TIIMES
Barth	Mary	Pickering	Kenneth	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
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Barth	Mary	Toohey	Darin	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Barth	Mary	Tung	Wen-wen	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Barth	Mary	Vila-Guerau de Arellano	Jordi	Wageningen University	Wageningen		NLD	ESSL	MMM
Barth	Mary	Wang	Pao	University of Wisconsin	Madison	WI	USA	ESSL	TIIMES
Barth	Mary	Wilson	Charles	University of Denver	Denver	CO	USA	ESSL	TIIMES
Barth	Mary	Zondlo	Mark	Southwest Sciences	Santa Fe	NM	USA	ESSL	TIIMES
Bonan	Gordon	Avissar	Roni	Duke University	Durham	NC	USA	ESSL	CGD
Bonan	Gordon	Baker	Ian	Colorado State University	Fort Collins	CO	USA	ESSL	CGD
Bonan	Gordon	Beringer	Jason	Monash University	Clayton	Australia		ESSL	CGD
Bonan	Gordon	de Noblet-Du coudré	Nathalie	Laboratoire des Sciences du Climat et de l'Environnement	Gif-sur-Yvett e	Paris	FRA	ESSL	CGD
Bonan	Gordon	Dickinson	Robert	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	CGD
Bonan	Gordon	Grimmond	Sue	Indiana University	Bloomington	IN	USA	ESSL	CGD
Bonan	Gordon	Lawrence	Peter	University of Colorado	Boulder	CO	USA	ESSL	CGD
Bonan	Gordon	Pitman	Andy	Macquarie University	North Ryde		AUS	ESSL	CGD
Bonan	Gordon	Running	Steve	University of Montana	Missoula	MT	USA	ESSL	CGD
Borrero-Santiag o	Juan	Raouafi	Nour-Eddine	NSO	Tucson	AZ	USA	ESSL	HAO
Borrero-Santiag o	Juan	Schou	Jesper	Stanford University	Palo Alto	CA	USA	ESSL	HAO
Borrero-Santiag o	Juan	Solanki	Sami	Max Planck Institute	Lindau		GER	ESSL	HAO
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Branstator	Grant	Gritsun	Andrey	Russian Academy of Science	Moscow		RUS	ESSL	CGD
Branstator	Grant	Majda	Andy	New York University	New York	NY	USA	ESSL	CGD
Branstator	Grant	Selten	Frank	Royal Netherlands Meteorological Institute	DeBilt		NLD	ESSL	CGD
Brasseur	Guy	Andreae	Meinrat	Max Planck	Hamburg		DEU	ESSL	ACD/CGD
Brasseur	Guy	Schmidt	Hauke	Max Planck	Mainz		DEU	ESSL	ACD
Briegleb	Bruce	Light	Bonnie	University of Washington	Seattle	WA	USA	ESSL	CGD
Bryan	Frank	Doney	Scott	Woods Hole Oceanographic Institute	Woods Hole	MA	USA	ESSL	CGD
Bryan	Frank	Hecht	Matthew	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	CGD
Bryan	Frank	Jayne	Steve	Woods Hole Oceanographic Institute	Woods Hole	MA	USA	ESSL	CGD
Bryan	Frank	Jones	Phil	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	CGD
Bryan	Frank	Kim	Dong-Hoon	CRIEPI	Abiko		JPN	ESSL	CGD
Bryan	Frank	Maltrud	Mathew	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	CGD
Bryan	Frank	Maruyama	Koki	CRIEPI	Abiko		JPN	ESSL	CGD
Bryan	Frank	Maximenko	Nikolai	University of Hawaii	Honolulu	HI	USA	ESSL	CGD
Bryan	Frank	McCLean	Julie	Scripps Institution of Oceanography	La Jolla	CA	USA	ESSL	CGD
Bryan	Frank	Nakashiki	Norikazu	CRIEPI	Abiko		JPN	ESSL	CGD
Bryan	Frank	Peacock	Synte	University of Chicago	Chicago	IL	USA	ESSL	CGD
Bryan	Frank	Richards	Kelvin	University of Hawaii	Honolulu	HI	USA	ESSL	CGD
Bryan	Frank	Tsumune	Daisuke	CRIEPI	Abiko		JPN	ESSL	CGD

Bryan	Frank	Tsutsui	Junichi	CRIEPI	Abiko		JPN	ESSL	CGD
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Burns	Alan	Daniell	Rob	Computational Physics, Inc.	Norwood	MA	USA	ESSL	HAO
Burns	Alan	Eastes	Richard	Florida Space Inst.	Melbourne	FL	USA	ESSL	HAO
Burns	Alan	Harvey	James	Florida Space Inst.	Melbourne	FL	USA	ESSL	HAO
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Burns	Alan	McClintock	William	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Burns	Alan	Rusch	David	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
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Campos	Teresa	Bowman	Ken	Texas A&M University	College Station	TX	USA	ESSL	ACD
Campos	Teresa	Gao	R	NOAA ESRL	Boulder	CO	USA	ESSL	ACD
Campos	Teresa	Graven	H	Scripps Institute of Oceanography	San Diego	CA	USA	ESSL	ACD
Campos	Teresa	Lee	S	Kent State University	Kent	OH	USA	ESSL	ACD
Campos	Teresa	McFadden	J	University of Minnesota	Minneapolis	MN	USA	ESSL	ACD
Campos	Teresa	Stevens	B	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	ACD
Campos	Teresa	ThorntIn	D	Drexel University	Philadephia	PA	USA	ESSL	ACD
Campos	Teresa	Wilson	J	University of Denver	Denver	CO	USA	ESSL	ACD
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Cantrell	Chris	Arnott	Patrick	University of Nevada at Reno	Reno	NV	USA	ESSL	ACD
Cantrell	Chris	Atlas	Elliot	University of Miami	Miami	FL	USA	ESSL	ACD
Cantrell	Chris	Bertram	Timothy	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Cantrell	Chris	Blake	Donald	University of California, Irvine	Irvine	CA	USA	ESSL	ACD
Cantrell	Chris	Brune	William	Pennsylvania State University	University Park	PA	USA	ESSL	TIIMES
Cantrell	Chris	Buseck	Peter	Arizona State University	Tempe	AZ	USA	ESSL	ACD
Cantrell	Chris	Clarke	Anthony	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Cantrell	Chris	Clarke	Tony	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
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Cantrell	Chris	Crawford	James	NASA Langley Research Center	Hampton	VA	USA	ESSL	TIIMES
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Cantrell	Chris	Helsdon	John	South Dakota School of Mines & Tech	Rapid City	SD	USA	ESSL	TIIMES
Cantrell	Chris	Howell	Steve	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
Cantrell	Chris	Howell	Steven	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Cantrell	Chris	Huey	Greg	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Cantrell	Chris	Jimenez	Jose-Luis	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Cantrell	Chris	Jimenez	Thomas	University of Colorado	Boulder	CO	USA	ESSL	ACD
Cantrell	Chris	Kapustin	V	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Cantrell	Chris	Kim	Si-Wan	National Oceanic & Atmospheric Administration - ESRL, University of Colorado	Boulder	CO	USA	ESSL	TIIMES
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Cantrell	Chris	Lang	Timothy	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
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Cantrell	Chris	MacGorman	Don	National Oceanic & Atmospheric Administration - NSSL	Boulder	CO	USA	ESSL	TIIMES
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Cantrell	Chris	Roberts	Greg	University of California, San Diego	San Diego	CA	USA	ESSL	ACD
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Cantrell	Chris	Tung	Wen-wen	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Cantrell	Chris	Wang	Pao	University of Wisconsin	Madison	WI	USA	ESSL	TIIMES
Cantrell	Chris	Weber	Rodney	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Cantrell	Chris	Wilson	Charles	University of Denver	Denver	CO	USA	ESSL	TIIMES
Cantrell	Chris	Zondlo	Mark	Southwest Sciences	Santa Fe	NM	USA	ESSL	TIIMES
Carbone	Richard	Arkin	Phil	University of Maryland	College Park	MD	USA	ESSL	TIIMES
Carbone	Richard	Bougeault	Philippe	ECMWF	Reading		UK	ESSL	TIIMES
Carbone	Richard	Chen	George Tai-Jen	National Taiwan University	Taipei		CAN	ESSL	TIIMES
Carbone	Richard	Cotton	William	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES

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Carbone	Richard	Grubisic	Vanda	Desert Research Institute	Reno	NV	USA	ESSL	TIIMES
Carbone	Richard	Henson	William	McGill University, Canada	Montreal	QC	CAN	ESSL	TIIMES
Carbone	Richard	Keenan	Tom	Bureau of Meteorology Research Center	Melbourne		AUS	ESSL	TIIMES
Carbone	Richard	Levizzani	Vincenzo	Consiglio Nazionale delle Ricerche	Bologna		ITA	ESSL	TIIMES
Carbone	Richard	Nesbitt	Steve	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Carbone	Richard	Parker	Matthew	North Carolina State University	Raleigh	NC	USA	ESSL	TIIMES
Carbone	Richard	Pereira Filho	Augusto	University of São Paulo	São Paulo		BRA	ESSL	TIIMES
Carbone	Richard	Smith	Eric	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Carbone	Richard	Tripoli	Gregory	University of Wisconsin	Madison	WI	USA	ESSL	TIIMES
Carbone	Richard	Wang	Chung-Chieh	Chinese Culture University	Taipei		CAN	ESSL	TIIMES
Casini	Roberto	Landi Degl'Innocenti	Egidio	University of Florence	Florence		ITA	ESSL	HAO
Casini	Roberto	Landi Degl'Innocenti	Maurizio	INAF	Florence		ITA	ESSL	HAO
Casini	Roberto	Landolfi	Marco	INAF	Florence		ITA	ESSL	HAO
Casini	Roberto	López Ariste	Arturo	THEMIS	La Laguna, Tenerife		SPA	ESSL	HAO
Casini	Roberto	Manso Sainz	Rafael	IAC	La Laguna, Tenerife		SPA	ESSL	HAO
Casini	Roberto	Reardon	Kevin	INAF	Florence		ITA	ESSL	HAO
Casini	Roberto	Trujillo Bueno	Javier	IAC	La Laguna, Tenerife		SPA	ESSL	HAO
Chen	Fei	Basara	Jeffrey	University of Oklahoma	Norman	OK	USA	ESSL	TIIMES
Chen	Fei	Blanken	Peter	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Chen	Fei	Cuenca	Richard	Oregon State University	Corvallis	OR	USA	ESSL	TIIMES
Chen	Fei	Nyogi	Dev	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Chen	Fei	Peters-Lidard	Christa	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
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Coffey	Michael	Fast	H	Atmospheric Environment Service	Downsview	Ontario	CAN	ESSL	ACD
Coffey	Michael	Galle	Bo	Swedish Environmental Research Institute	Gothenburg		SWE	ESSL	ACD
Coffey	Michael	Griffith	DWT	Univesity of Wollongong	Wollongong		AUS	ESSL	ACD

Coffey	Michael	Makino	Y	Meteorological Research Institute	Tsukuba, Ibaraki		JAP	ESSL	ACD
Coffey	Michael	Murcray	FJ	University of Denver	Denver	CO	USA	ESSL	ACD
Coffey	Michael	Notholt	Justis	Alfred Wegener Institute for Polar and Marine Research	Potdam		DEU	ESSL	ACD
Coffey	Michael	Rinsland	CP	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Coffey	Michael	Sussman	Ralf	Fraunhofer-Institut fuer Atmosphaerische Umweltforschung, IFU	Garmisch-Partenkirchen		DEU	ESSL	ACD
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Coffey	Michael	Wood	SW	National Institute of Water and Atmospheric Research	Omaku, Central Otago		NZL	ESSL	ACD
Coffey	Michael	Zhao	Youngjing	STEL Solar Terrestrial Environment Laboratory, University of Nagoya	Toyokawa, Aichi		JAP	ESSL	ACD
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Collins	William	Doney	Scott	Woods Hole Oceanographic Institute (WHOI)	Woods Hole	MA	USA	ESSL	CGD
Collins	William	Forster	Piers	University of Reading	Exeter		GBR	ESSL	CGD
Collins	William	Jones	Phil	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	CGD
Collins	William	Pincus	Robert	NOAA CIRES	Boulder	CO	USA	ESSL	CGD
Collins	William	Ramanathan	Veerabhadran	Scripps Institution of Oceanography	San Diego	CA	USA	ESSL	CGD
Collins	William	Randall	David	Colorado State University	Fort Collins	CO	USA	ESSL	CGD
Collins	William	Santer	Benjamin	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Collins	William	Soloman	Susan	NOAA: IPCC	Boulder	CO	USA	ESSL	CGD
Collins	William	Stocker	Thomas	University of Bern	Bern		CHE	ESSL	CGD
Collins	William	Taylor	Karl	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Collins	William	Tufo	Henry	University of Colorado	Boulder	CO	USA	ESSL	CGD
Collins	William	Whetton	Penny	Commonwealth Scientific and Industrial Research Organization	Hobart		AUS	ESSL	CGD
Collins	William	Wielicki	Bruce	NASA Langley	Hampton	VA	USA	ESSL	CGD
Collins	William	Winker	David	NASA Langley	Hampton	VA	USA	ESSL	CGD
Collins	William	Xu	Kuan-Man	NASA Langley	Hampton	VA	USA	ESSL	CGD
Creevy	Orlagh	Belmonte	Juan	IAC	Tenerife		SPA	ESSL	HAO
Creevy	Orlagh	Jimenez-Reyes	Sebastian	IAC	Tenerife		SPA	ESSL	HAO
Creevy	Orlagh	Monteiro	Mario	CAUP	Porto		POR	ESSL	HAO
Creevy	Orlagh	Terrell	Dirk	SWRI	Boulder	CO	USA	ESSL	HAO
Criscuoli	Serena	Berrilli	Francesco	Torvergata University	Rome		ITA	ESSL	HAO
Criscuoli	Serena	Centrone	Mauro	OAR-INAF	Rome		ITA	ESSL	HAO
Criscuoli	Serena	Delmoro	Dario	Torvergata University	Rome		ITA	ESSL	HAO
Criscuoli	Serena	Ermolli	Ilaria	OAR-INAF	Rome		ITA	ESSL	HAO
Criscuoli	Serena	Giordano	Silvia	Torvergata University	Rome		ITA	ESSL	HAO
Criscuoli	Serena	Giorgi	Fabrizio	OAR-INAF	Rome		ITA	ESSL	HAO
Criscuoli	Serena	Penza	Valentina	OAR-INAF	Rome		ITA	ESSL	HAO

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Dai	Aiguo	Betts	Alan	Atmospheric Res.	Pittsford	VT	USA	ESSL	TIIMES
Dai	Aiguo	Betts	Alan	Atmospheric Res.	Pittsford	VT	USA	ESSL	CGD
Dai	Aiguo	Dirmeyer	Paul	National Science Foundation	Arlington	VA	USA	ESSL	TIIMES
Dai	Aiguo	Finnigan	John	CSIRO Centre for Complex System Science	Canberra	ACT	AUS	ESSL	TIIMES
Dai	Aiguo	Hsu	Kou-Lin	University of California, Irvine	Irvine	CA	USA	ESSL	TIIMES
Dai	Aiguo	Hsu	Kou-Lin	University of California	Irvine	CA	USA	ESSL	CGD
Dai	Aiguo	Illingworth	Anthony	University of Reading	Reading		GBR	ESSL	TIIMES
Dai	Aiguo	Jost	Anne	Universite Pierre et Marie Curie	Paris		FRA	ESSL	TIIMES
Dai	Aiguo	Karl	Thomas R	National Oceanic & Atmospheric Administration, NCDC	Asheville	NC	USA	ESSL	TIIMES
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Dai	Aiguo	Kummerow	Christian	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Dai	Aiguo	Liang	Xin-Zhong	University of Illinois & Illinois State Water Survey	Champaign	IL	USA	ESSL	TIIMES
Dai	Aiguo	Liang	Xin-Zhong	University of Illinois/Illinois State Water Survey	Champaign	IL	USA	ESSL	CGD
Dai	Aiguo	Maidment	David	University of Texas at Austin	Austin	TX	USA	ESSL	TIIMES
Dai	Aiguo	Nigam	Sumant	University of Maryland	College Park	MD	USA	ESSL	TIIMES
Dai	Aiguo	Smith	Ronald	Yale University	New Haven	CT	USA	ESSL	TIIMES
Dai	Aiguo	Yang	Daqing	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	CGD/TIIMES
Dai	Aiguo	Yang	Daqing	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	TIIMES
Dai	Aiguo	Yang	Daqing	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	CGD/TIIMES
Dai	Aiguo	Yang	Song	George Mason University/NASA	Greenbelt	MD	USA	ESSL	TIIMES
Dai	Aiguo	Yang	Song	George Mason University/NASA	Greenbelt	MD	USA	ESSL	CGD
Dai	Aiguo	Zhang	Xiangdong	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	TIIMES
Dai	Aiguo	Zhang	Xiangdong	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	CGD
Dai	Aiguo	Zhou	Tianjun	Institute of Atmospheric Phys., Chinese Academy of Sci.	Beijing		CHN	ESSL	TIIMES
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Danabasoglu	Gokhan	Griffies	Steve	GFDL	Princeton	NJ	USA	ESSL	CGD
Danabasoglu	Gokhan	Jayne	Steve	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	CGD
Danabasoglu	Gokhan	Legg	Sonya	Princeton University	Princeton	NJ	USA	ESSL	CGD

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Danabasoglu	Gokhan	McWilliams	James	University of California	Los Angeles	CA	USA	ESSL	CGD
Danabasoglu	Gokhan	Price	Jim	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	CGD
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Davis	Christopher	Polvani	Lorenzo	Columbia University	New York	NY	USA	ESSL	MMM
de Toma	Giulliana	Arge	Charles	AFB	Hanscom	MA	USA	ESSL	HAO
de Toma	Giulliana	Chapman	Gary	San Fernando Observatory	Northridge	CA	USA	ESSL	HAO
de Toma	Giulliana	Gilbert	Holly	Rice University	Houston	TX	USA	ESSL	HAO
de Toma	Giulliana	Henney	Carl	NSO	Tucson	AZ	USA	ESSL	HAO
de Toma	Giulliana	Linker	Jon	SAIC	San Diego	CA	USA	ESSL	HAO
de Toma	Giulliana	Riley	Pete	SAIC	San Diego	CA	USA	ESSL	HAO
de Toma	Giulliana	Walton	Stephen	San Fernando Observatory	Northridge	CA	USA	ESSL	HAO
de Toma	Giulliana	White	Oran	Retired	Mancos	CO	USA	ESSL	HAO
de Toma	Giulliana	Woods	Thomas	LASP/Uni. of Colorado	Boulder	CO	USA	ESSL	HAO
de Toma	Giulliana	Zoran	Mikic	SAIC	San Diego	CA	USA	ESSL	HAO
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Deser	Clara	Anderson	Bruce	Boston University	Boston	MA	USA	ESSL	CGD
Deser	Clara	Bhatt	Uma	University of Alaska	Fairbanks	AK	USA	ESSL	CGD
Deser	Clara	Capotondi	Antonietta	NOAA/ESRL/Climate Diagnostics Center	Boulder	CO	USA	ESSL	CGD
Deser	Clara	Cassou	Christophe	European Center for Research and Advanced Training in Scientific Computation-Centre National de la Recherche Scientifique (CERFACS-CNRS)	Toulouse		FRA	ESSL	CGD
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Dikpati	Mausumi	Brun	Sacha	CEA Saclay	Gif sur Yvette		FRA	ESSL	HAO
Dikpati	Mausumi	Gonzalez-Hernandez	Irene	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Dikpati	Mausumi	Jouve	Laurene	CEA Saclay	Gif sur Yvette		FRA	ESSL	HAO
Dikpati	Mausumi	Komm	Rudi	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Dikpati	Mausumi	Tobiska	Kent	Space Environment Technologies	Pacific Palisades	CA	USA	ESSL	HAO
Dikpati	Mausumi	Zita	E.J.	Evergreen State College	Olympia	WA	USA	ESSL	HAO
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Dudhia	Jimy	Hong	Song-You	Yonsei University	Seoul		KOR	ESSL	MMM
Dudhia	Jimy	Khain	Alex	Hebrew University of Jerusalem	Jerusalem		ISR	ESSL	MMM
Dudhia	Jimy	Michaelides	Silas	Cyprus Meteorological Service	Nicosia		CYP	ESSL	MMM
Dudhia	Jimy	Niyogi	Dev	Purdue University	West Lafayette te	IN	USA	ESSL	MMM
Dudhia	Jimy	Tymvios	Filippos	Cyprus Meteorological Service	Larnaka		CYP	ESSL	MMM
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Edwards	David	Giglio	Louis	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Edwards	David	Hauglustaine	Dider	CNRS	Paris		FRA	ESSL	ACD
Edwards	David	Haywood	Jim	UK Met Office	Exeter/Devon		GBR	ESSL	ACD
Edwards	David	Huang	Allen	University of Wisconsin	Madison	WY	USA	ESSL	ACD
Edwards	David	Jones	Dylan	University of Toronto	Toronto		CAN	ESSL	ACD
Edwards	David	Kar	Jay	University of Toronto	Toronto		CAN	ESSL	ACD
Edwards	David	Lou	Ming	NASA Jet Propulsion Laboratory	Pasadena	CA	USA	ESSL	ACD
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Edwards	David	Pougatchev	Nikita	Utah State University	Logan	UT	USA	ESSL	ACD
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Emery	Barbara	Chau	Jorge	Jicamarca Radio Obs.	Mayorazgo		PER	ESSL	HAO
Emery	Barbara	Coumans	Valeria	Univ. Liege	Liege		BEL	ESSL	HAO
Emery	Barbara	Evans	David	NOAA Space Environment Center	Boulder	CO	USA	ESSL	HAO
Emery	Barbara	Fang	Xiaohua	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Emery	Barbara	Friedman	Jonathan	Arecibo Obs.	Arecibo		PR	ESSL	HAO
Emery	Barbara	Germany	Glynn	Univ. Alabama	Huntsville	AL	USA	ESSL	HAO
Emery	Barbara	Greer	M. Sue	NOAA Space Environment Center	Boulder	CO	USA	ESSL	HAO
Emery	Barbara	Hernandez	Gonzalo	Univ. Washington	Seattle	WA	USA	ESSL	HAO
Emery	Barbara	Holeman	Ernest	Air Force Geophysics Lab.	Hanscom Air Force Base	MA	USA	ESSL	HAO
Emery	Barbara	Holt	John	Haystack Obs.	Westford	MA	USA	ESSL	HAO
Emery	Barbara	Hysell	David	Cornell Univ.	Ithaca	NY	USA	ESSL	HAO
Emery	Barbara	Kadinsky-Cade	Katherine	Air Force Geophysics Lab.	Hanscom Air Force Base	MA	USA	ESSL	HAO
Emery	Barbara	Knipp	Delores	Air Force Academy	Colorado Springs	CO	USA	ESSL	HAO
Emery	Barbara	Kozyra	Janet	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Emery	Barbara	Matsuo	Tomoko	CGD/NCAR	Boulder	CO	USA	ESSL	HAO
Emery	Barbara	Mitchell	Elizabeth	Florida Inst. Technology	Melbourne	FL	USA	ESSL	HAO
Emery	Barbara	Nossal	Susan	Univ. Wisconsin	Madison	WI	USA	ESSL	HAO
Emery	Barbara	Rich	Frederick	Air Force Geophysics Lab.	Hanscom Air Force Base	MA	USA	ESSL	HAO
Emery	Barbara	Turner	Niescja	Florida Inst. Technology	Melbourne	FL	USA	ESSL	HAO
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Emmons	Louisa	Mak	John	State University of New York at Stony Brook	Stony Brook	NY	USA	ESSL	ACD
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Fan	Yuhong	Alexander	David	Rice University	Houston	TX	USA	ESSL	HAO
Fan	Yuhong	Fisher	George	SSL, UC Berkeley	Berkeley	CA	USA	ESSL	HAO
Fan	Yuhong	Toeroek	Tibor	MSSL, U. College London	London		GBR	ESSL	HAO
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Fasullo	John	Barber	Richard	Duke University	Beaufort	NC	USA	ESSL	CGD
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Fasullo	John	Goes	Joaquim	Bigelow Laboratory for Ocean Sciences	West Boothbay Harbor	ME	USA	ESSL	CGD
Fasullo	John	Kindle	John	Naval Research Laboratory	Stennis Space Center	MS	USA	ESSL	CGD
Fasullo	John	Naqvi	S. W. A.	National Institute of Oceanography	Dona Paula	Goa	IND	ESSL	CGD
Field	Paul	Hogan	Robin	University of Reading	Reading		GBR	ESSL	MMM
Field	Paul	Wood	Robert	University of Washington	Seattle	WA	USA	ESSL	MMM
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Flocke	Frank	Roberts	J	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Flocke	Frank	Tanner	D	Georgia Institute of Technology	Atlanta	Ga	USA	ESSL	ACD
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Gent	Peter	Doney	Scott	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	CGD
Gent	Peter	Hecht	Matthew	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	CGD
Gent	Peter	Tsumune	Daisuke	CRIEPI	Chiba		JPN	ESSL	CGD
Gent	Peter	Wainer	Ilana	University of Sao Paulo	Sao Paulo		BRA	ESSL	CGD
Gettelman	Andrew	Avallone	Linnea	CU/CIRES	Boulder	CO	USA	ESSL	ACD
Gettelman	Andrew	Birner	Thomas	University of Toronto	Toronto		CAN	ESSL	ACD
Gettelman	Andrew	Bretherton	Chris	University of Washington	Seattle	WA	USA	ESSL	ACD
Gettelman	Andrew	Eyring	Veronika	DLR-Germany	Muenchen		DEU	ESSL	ACD
Gettelman	Andrew	Forster	Piers	University of Leeds	Leeds		GBR	ESSL	ACD
Gettelman	Andrew	Fu	Qiang	University of Washington	Seattle	WA	USA	ESSL	ACD
Gettelman	Andrew	Fujiwara	Masatomo	Hokkaido University	Sapporo		JAP	ESSL	ACD
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Gettelman	Andrew	Noone	David	CU/CIRES	Boulder	CO	USA	ESSL	ACD
Gettelman	Andrew	Pincus	Robert	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Gettelman	Andrew	Shepherd	Thomas	University of Toronto	Toronto		CAN	ESSL	ACD
Gettelman	Andrew	Stephens	Graeme	Colorado State University	Ft. Collins	CO	USA	ESSL	ACD
Gettelman	Andrew	Toohey	Darin	CU/CIRES	Boulder	CO	USA	ESSL	ACD

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Gibson	Sarah	DeForest	Craig	SWRI	Boulder	CO	USA	ESSL	HAO
Gibson	Sarah	Fletcher	Lyndsay	Univ. of Glasgow	Glasgow		GBR	ESSL	HAO
Gibson	Sarah	Gilbert	Holly	Rice University	Houston	TX	USA	ESSL	HAO
Gibson	Sarah	Jain	Rekha	University of Sheffield	Sheffield		GBR	ESSL	HAO
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Gibson	Sarah	Leer	Egil	Univ. of Oslo	Oslo		NOR	ESSL	HAO
Gibson	Sarah	Li	Yan	Univ. of California	Berkeley	CA	USA	ESSL	HAO
Gibson	Sarah	Lie-Svendsen	Oystein	Univ. of Oslo	Oslo		NOR	ESSL	HAO
Gibson	Sarah	Longcope	Dana	Montana State University	Bozeman	MT	USA	ESSL	HAO
Gibson	Sarah	Luhmann	Janet	Univ. of California	Berkeley	CA	USA	ESSL	HAO
Gibson	Sarah	Mandrini	Cristina	IAFE	Buenos Aires		ARG	ESSL	HAO
Gibson	Sarah	Mason	Helen	Univ. Of Cambridge	Cambridge		GBR	ESSL	HAO
Gibson	Sarah	Qiu	Jiong	Montana State University	Bozeman	MT	USA	ESSL	HAO
Gibson	Sarah	Rachmeler	Laurel	Univ. of Colorado	Boulder	CO	USA	ESSL	HAO
Gibson	Sarah	Schmidt	Don	Boston Univ.	Boston	MA	USA	ESSL	HAO
Gibson	Sarah	Toeroek	Tibor	MSSL	Dorking		GBR	ESSL	HAO
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Gille	John	Harvey	Lynn	University of Colorado	Boulder	CO	USA	ESSL	ACD
Gille	John	Hepplewhite	Christopher	Oxford University	Oxford		GBR	ESSL	ACD
Gille	John	Kerridge	Brian	Rutherford-Appleton Laboratory	Didcot		GBR	ESSL	ACD
Gille	John	Kiley	Christopher	Florida State University	Tallahassee	FL	USA	ESSL	ACD
Gille	John	Lambert	Alyn	California Institute of Technology/JPL	Pasadena	CA	USA	ESSL	ACD
Gille	John	Lary	David	University of Maryland	Baltimore	MD	USA	ESSL	ACD
Gille	John	LeBlanc	Thierry	California Institute of Technology/JPL	Pasadena	CA	USA	ESSL	ACD
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Gille	John	Reburn	Jolyon	Rutherford-Appleton Laboratory	Didcot		GBR	ESSL	ACD
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Gille	John	Waterfall	Allison	Rutherford-Appleton Laboratory	Didcot		GBR	ESSL	ACD
Gille	John	Waters	Joe	California Institute of Technology/JPL	Pasadena	CA	USA	ESSL	ACD
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Grabowski	Wojtek	Wang	Lian-Ping	University of Delaware	Newark	DE	USA	ESSL	MMM
Grabowski	Wojtek	Wu	Xiaoqing	Iowa State University	Aimes	IO	USA	ESSL	MMM
Guenther	Alex	Artaxo	Paolo	University of São Paulo	São Paulo		BRA	ESSL	TIIMES
Guenther	Alex	Avissar	Roni	Duke University	Durham	NC	USA	ESSL	TIIMES
Guenther	Alex	Barsanti	Kelley	Oregon Health & Science University	Beaverton	OR	USA	ESSL	TIIMES
Guenther	Alex	Brooks	Paul	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Guenther	Alex	Busalacchi	Antonio	ESSIC/University of Maryland	College Park	MD	USA	ESSL	TIIMES
Guenther	Alex	Dickinson	Robert	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Guenther	Alex	Fu	Rong	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Guenther	Alex	Hildebrand	Peter	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Guenther	Alex	Houser	Paul	GMU - CREW	Calverton	MD	USA	ESSL	TIIMES
Guenther	Alex	Jardine	Kolby	Stony Brook University, SUNY	Stony Brook	NY	USA	ESSL	TIIMES
Guenther	Alex	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	TIIMES
Guenther	Alex	Lara	Luciene	University of São Paulo	São Paulo		BRA	ESSL	TIIMES
Guenther	Alex	Milford	Jana	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Guenther	Alex	Niyogi	Dev	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Guenther	Alex	Pan	Zaitao	St. Louis University	St. Louis	MO	USA	ESSL	TIIMES
Guenther	Alex	Penuelas	Josep	CSIC-CREAF Barcelona	Barcelona		ESP	ESSL	TIIMES
Guenther	Alex	Peters-Lidard	Christa	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Guenther	Alex	Randall	David	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Guenther	Alex	Running	Steve	University of Montana	Missoula	MT	USA	ESSL	TIIMES
Guenther	Alex	Sutton	Mark	CEH Edinburgh	Penicuik	Midlothian	GBR	ESSL	TIIMES
Guenther	Alex	Wehner	Birgit	Institute for Tropospheric Research	Deutschland		DEU	ESSL	TIIMES
Guenther	Alex	Yang	Daqing	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	TIIMES
Guenther	Alex	Zeng	Xubin	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Hagan	Maura	Acott	Phillip	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Arnold	Kam	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Chang	Loren	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Hagan	Maura	Chu	Xinzhao	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Hagan	Maura	Desai	Ankur	The Pennsylvania State University	University Park	PA	USA	ESSL	TIIMES
Hagan	Maura	England	L.	Univ. California at Berkeley	Berkeley	CA	USA	ESSL	HAO

Hagan	Maura	Fernandez	Alisha	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Hagan	Maura	Forbes	Jeffrey	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Hagan	Maura	Frey	Harald	Univ. California at Berkeley	Berkeley	CA	USA	ESSL	HAO
Hagan	Maura	Henderson	S.B.	Utah State Univ.	Logan	UT	USA	ESSL	HAO
Hagan	Maura	Immel	Thomas	Univ. California at Berkeley	Berkeley	CA	USA	ESSL	HAO
Hagan	Maura	Kawahara	Taku	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Krueger	David	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Li	Tao	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Mende	Stephen	Univ. California at Berkeley	Berkeley	CA	USA	ESSL	HAO
Hagan	Maura	Oberheide	Jens	Univ. Wuppertal	Wuppertal		DEU	ESSL	HAO
Hagan	Maura	Palo	Scott	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Hagan	Maura	Paxton	Larry	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Hagan	Maura	Sagawa	E.	National Inst. Information and Communications Technology	Tokyo		JPN	ESSL	HAO
Hagan	Maura	She	Chiao-Yao	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Swenson	Charles	Utah State Univ.	Logan	UT	USA	ESSL	HAO
Hagan	Maura	Vance	Joseph	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Vincent	Robert	Univ. Adelaide	Adelaide		AUS	ESSL	HAO
Hagan	Maura	Williams	Bifford	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hagan	Maura	Yuan	Tao	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Hall	Sam	Atlas	Elliot	University of Miami	Miami	FL	USA	ESSL	ACD
Hall	Sam	Avery	M	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Hall	Sam	Barrick	J	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Hall	Sam	Bertram	T	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Hall	Sam	Blake	Donald	University of California, Irvine	Irvine	CA	USA	ESSL	ACD
Hall	Sam	Browell	E	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Hall	Sam	Brune	W	Pennsylvania State University	University Park	PA	USA	ESSL	ACD
Hall	Sam	Clarke	Anthony	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Hall	Sam	Cohen	Ron	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Hall	Sam	Crawford	J	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Hall	Sam	Crounse	John	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Hall	Sam	Dibb	J	University of New Hampshire	Durham	NH	USA	ESSL	ACD
Hall	Sam	Fahey	D	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Hall	Sam	Froidevaux	L	NASA Jet Propulsion Laboratory	Pasadena	CA	USA	ESSL	ACD
Hall	Sam	Fuelberg	Henry	Florida State University	Tallahassee	FL	USA	ESSL	ACD
Hall	Sam	Gore	W	NASA	San Francisco	CA	USA	ESSL	ACD
Hall	Sam	Helkes	B	University of Rhode Island	Narragansett	RI	USA	ESSL	ACD
Hall	Sam	Huey	Greg	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD

Hall	Sam	Jacob	D	Harvard University	Cambridge	MA	USA	ESSL	ACD
Hall	Sam	Jensen	E	NASA Ames Research Center	Moffett Field	CA	USA	ESSL	ACD
Hall	Sam	Kindel	B	University of Coloardo	Boulder	CO	USA	ESSL	ACD
Hall	Sam	Kroon	M	Royal Netherlands Meteorological Institute (KNMI)			NLD	ESSL	ACD
Hall	Sam	Kwan	Alan	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Hall	Sam	Lefer	Barry	University of Houston	Houston	TX	USA	ESSL	ACD
Hall	Sam	McCabe	David	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Hall	Sam	McNaughton	C	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Hall	Sam	McPeters	R	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Hall	Sam	Merrill	J	University of Rhode Island	Narragansett	RI	USA	ESSL	ACD
Hall	Sam	Newman	P	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Hall	Sam	Perring	A	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Hall	Sam	Petropavlovskik h	Irina	University of Colorado/ NOAA	Boulder	CO	USA	ESSL	ACD
Hall	Sam	Pilewski	Peter	University of Coloardo	Boulder	CO	USA	ESSL	ACD
Hall	Sam	Sachse	G	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Hall	Sam	Schauer	E	University of New Hampshire	Durham	NH	USA	ESSL	ACD
Hall	Sam	Schoeberl	M	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Hall	Willaim	Seifert	Axel	Deutscher Wetterdienst	Offenbach		DEU	ESSL	MMM
Hall	Sam	Singh	HB	NASA Ames Research Center	Moffett Field	CA	USA	ESSL	ACD
Hall	Sam	Slusser	James	Colorado State University	Fort Collins	CO	USA	ESSL	ACD
Hall	Sam	Vay	S	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Hall	Sam	Weber	Rodney	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Hall	Sam	Wendisch	M	Leibniz Institute for Tropospheric Research	Leipzig		DEU	ESSL	ACD
Hall	Sam	Wennberg	Paul	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Hall	Sam	Wooldridge	Paul	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Hannay	Cecile	Bretherton	Chris	University of Washington	Seattle	WA	USA	ESSL	CGD
Hannay	Cecile	Iacono	Mike	Atmospheric and Environmental Research	Cambridge	MA	USA	ESSL	CGD
Hannay	Cecile	Koehler	Martin	ECWMF	Reading		GBR	ESSL	CGD
Hannay	Cecile	Park	Sungsu	University of Washington	Seattle	WA	USA	ESSL	CGD
Hannay	Cecile	Zhao	Ming	GFDL	Princeton	NJ	USA	ESSL	CGD
Hannay	Cecile	Zuidema	Paquita	Rosenstiel School of Marine and Atmospheric Science	Miami	FL	USA	ESSL	CGD
Harley	Peter	Helmig	D	University of Colorado	Boulder	CO	USA	ESSL	ACD
Harley	Peter	Palmer	Paul	University of Leeds	Leeds		GBR	ESSL	ACD

Harley	Peter	Sparks	Jed	Cornell University	Ithaca	NY	USA	ESSL	ACD
Herring	Jackson	Kimura	Yoshifumi	Nagoya University	Nagoya		JPN	ESSL	MMM
Hess	Peter	Carmichael	Greg	University of Iowa	Iowa City	IA	USA	ESSL	ACD
Hess	Peter	Honrath	Richard	Michigan Technological University	Houghton	MI	USA	ESSL	ACD
Hess	Peter	Randerson	Jim	University of California, Irvine	Irvine	CA	USA	ESSL	ACD
Hess	Peter	Vukicevic	Tomislava	University of Colorado	Boulder	CO	USA	ESSL	ACD
Heysmsfield	Andrew	Blyth	Alan	University of Leeds	Leeds		GBR	ESSL	MMM
Heysmsfield	Andrew	Leon	David	University of Wyoming	Laramie	WY	USA	ESSL	MMM
Heysmsfield	Andrew	Lynn	Barry	Hebrew University of Jerusalem	Jerusalem		ISR	ESSL	MMM
Heysmsfield	Andrew	Moehler	Ottmar	Forschungszentrum Karlsruhe	Karlsruhe		DEU	ESSL	MMM
Heysmsfield	Andrew	Vali	Gabor	University of Wyoming	Laramie	WY	USA	ESSL	MMM
Hibbard	Kathy	Canadell	Josep (Pep)	CSIRO	Canberra	ACT	AUS	ESSL	CGD
Hibbard	Kathy	Costanza	Bob	University of Vermont	Burlington	VT	USA	ESSL	CGD
Hibbard	Kathy	Crumley	Carole	University of North Carolina	Chapel Hill	NC	USA	ESSL	CGD
Hibbard	Kathy	Friedlingstein	Pierre	IPSL/LSCE	Paris		FRA	ESSL	CGD
Hibbard	Kathy	Granier	Claire	Service d'Aérodologie/IPSL	Paris		FRA	ESSL	CGD
Hibbard	Kathy	Graumlich	Lisa	Montana State University	Bozeman	MT	USA	ESSL	CGD
Hibbard	Kathy	Kerr	Suzi	Motu Economic and Public Policy Research	Wellington		NZL	ESSL	CGD
Hibbard	Kathy	Law	Beverly	Oregon State University	Corvallis	OR	USA	ESSL	CGD
Hibbard	Kathy	Mahowald	Natalie	NCAR	Boulder	CO	USA	ESSL	CGD
Hibbard	Kathy	Meehl	Jerry	NCAR	Boulder	CO	USA	ESSL	CGD
Hibbard	Kathy	Noone	Kevin	IGBP	Stockholm		SWE	ESSL	CGD
Hibbard	Kathy	Prentice	Colin	QUEST; University of Bristol	Bristol		GBR	ESSL	CGD
Hibbard	Kathy	Reissell	Anni	iLEAPS/University of Helsinki	Helsinki		FIN	ESSL	CGD
Hibbard	Kathy	Spessa	Allen	QUEST; University of Bristol	Bristol		GBR	ESSL	CGD
Hibbard	Kathy	Steffen	Will	Australian National University	Canberra	ACT	AUS	ESSL	CGD
Hibbard	Kathy	Virji	Hassan	START	Washington, D.C.		USA	ESSL	CGD
Hibbard	Kathy	Voytek	Mary	USGS	Reston	VA	USA	ESSL	CGD
Hibbard	Kathy	Yasuda	Yoshinora	International Research Center for Japanese Studies	Tokyo		JPN	ESSL	CGD
Holland	Marika	Arbetter	Todd	British Antarctic Survey	Cambridge		GBR	ESSL	CGD
Holland	Elisabeth	Archer	David	University of Chicago	Chicago	IL	USA	ESSL	TIIMES
Holland	Elisabeth	Arora	Vivek	Canadian Centre for Climate Modelling & Analysis	Victoria	BC	CAN	ESSL	TIIMES
Holland	Elisabeth	Artaxo	Paolo	University of São Paulo	São Paulo		GRB	ESSL	TIIMES
Holland	Elisabeth	Avissar	Roni	Duke University	Durham	NC	USA	ESSL	TIIMES
Holland	Elisabeth	Betts	Richard	University A. of Barcelona	Barcelona		ESP	ESSL	TIIMES
Holland	Marika	Bitz	Cecilia	University of Washington	Seattle	WA	USA	ESSL	CGD
Holland	Marika	Bony	Sandrine	Laboratoire de Meteorologie Dynamique	Paris		FRA	ESSL	CGD

Holland	Elisabeth	Bougeault	Philippe	ECMWF	Reading		GBR	ESSL	TIIMES
Holland	Elisabeth	Brooks	Paul	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Holland	Elisabeth	Busalacchi	Antonio	ESSIC/University of Maryland	College Park	MD	USA	ESSL	TIIMES
Holland	Elisabeth	Canadell	Josep	CSIRO	Canberra	ACT	AUS	ESSL	TIIMES
Holland	Gregory	Chen	Shuyi	University of Miami	Miami	FL	USA	ESSL	MMM
Holland	Elisabeth	Christian	James	Canadian Centre for Climate Modelling & Analysis	Victoria	BC	CAN	ESSL	TIIMES
Holland	Elisabeth	Clark	Deborah	Whitney R. Harris World Ecology Center	St. Louis	MO	USA	ESSL	TIIMES
Holland	Elisabeth	Dameris	Martin	Institut für Physik der Atmosphäre Wessling			DEU	ESSL	TIIMES
Holland	Elisabeth	Dentener	Frank	Max Planck Institute for Chemistry	Mainz		DEU	ESSL	TIIMES
Holland	Elisabeth	Dickinson	Robert	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Holland	Marika	Drobot	Sheldon	National Snow and Ice Data Center	Boulder	CO	USA	ESSL	CGD
Holland	Elisabeth	Easterling	David	Johns Hopkins University	Asheville	NC	USA	ESSL	TIIMES
Holland	Elisabeth	Eyring	Veronika	Institut für Physik der Atmosphäre Wessling			DEU	ESSL	TIIMES
Holland	Elisabeth	Feichter	Johann	Max Planck Institute for Meteorology	Hamburg		DEU	ESSL	TIIMES
Holland	Marika	Finnis	Joel	University of Colorado	Boulder	CO	USA	ESSL	CGD
Holland	Marika	Francis	Jennifer	Rutgers University	Rutgers	NJ	USA	ESSL	CGD
Holland	Elisabeth	Friedlingstein	Pierre	LSCE Unite mixte CEA-CNRS	Yvette		FRA	ESSL	TIIMES
Holland	Elisabeth	Fu	Rong	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Holland	Elisabeth	Fuzzi	Sandro	Institute of Atmospheric Sciences and Climate of C.N.R	Bologna		ITA	ESSL	TIIMES
Holland	Elisabeth	Gong	Sunling	Meteorological Service of Canada	Toronto	ON	CAN	ESSL	TIIMES
Holland	Elisabeth	Gruber	Nicolas	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	TIIMES
Holland	Elisabeth	Gurney	Kevin	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Holland	Elisabeth	Henderson-Sellers	Ann	ANSTO Institute for Environmental Research	Menai, NSW		AUS	ESSL	TIIMES
Holland	Elisabeth	Hildebrand	Peter	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Holland	Elisabeth	House	Joanna	University of Bristol, QUEST	Bristol		GBR	ESSL	TIIMES
Holland	Elisabeth	Houser	Paul	GMU - CREW	Calverton	MD	USA	ESSL	TIIMES
Holland	Marika	Hunke	Elizabeth	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	CGD
Holland	Elisabeth	Jones	Andrew	Sustainability Institute	Hartland	VT	USA	ESSL	TIIMES
Holland	Elisabeth	Jones	Chris	Hadley Centre for Climate Prediction & Research	Devon		GBR	ESSL	TIIMES
Holland	Elisabeth	Kärcher	Bernd	Institut für Physik der Atmosphäre Wessling			DEU	ESSL	TIIMES
Holland	Elisabeth	Kawamiya	Michio	Frontier Research Center for	Kanagawa		JAP	ESSL	TIIMES

Global Change

Holland	Elisabeth	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	TIIMES
Holland	Elisabeth	Lara	Luciene	University of São Paulo	São Paulo		BRA	ESSL	TIIMES
Holland	Elisabeth	Lassey	Keith	National Centre for Climate-Energy Solutions	Auckland		NZL	ESSL	TIIMES
Holland	Elisabeth	Le Quéré	Corinne	University of East Anglia	Norwich		GBR	ESSL	TIIMES
Holland	Elisabeth	Leck	Carolyn	Stockholm University	Stockholm		SWE	ESSL	TIIMES
Holland	Marika	Lee	Craig	University of Washington	Seattle	WA	USA	ESSL	CGD
Holland	Marika	Lipscomb	Bill	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	CGD
Holland	Elisabeth	Malhi	Yadvinder	University of Oxford	Oxford		GBR	ESSL	TIIMES
Holland	Elisabeth	Masarie	Kenneth	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Holland	Elisabeth	McFiggans	Gordon	University of Manchester	Manchester		GBR	ESSL	TIIMES
Holland	Marika	Meier	Walt	National Snow and Ice Data Center	Boulder	CO	USA	ESSL	CGD
Holland	Elisabeth	Menon	Surabi	Lawrence Berkeley National Laboratory	Berkeley	CA	USA	ESSL	TIIMES
Holland	Marika	Merryfield	Bill	Canadian Climate Centre	Vancouver		CAN	ESSL	CGD
Holland	Elisabeth	Milford	Jana	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Holland	Elisabeth	Miller	John	National Oceanic & Atmospheric Administration - GMD	Boulder	CO	USA	ESSL	TIIMES
Holland	Elisabeth	Niyogi	Dev	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Holland	Elisabeth	Pan	Zaitao	St. Louis University	St. Louis	MO	USA	ESSL	TIIMES
Holland	Elisabeth	Penuelas	Josep	CSIC-CREAF Barcelona	Barcelona		ESP	ESSL	TIIMES
Holland	Elisabeth	Peters-Lidard	Christa	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Holland	Elisabeth	Peylin	Philippe	Laboratoire de Biogéochimie Isotopique	Paris		FRA	ESSL	TIIMES
Holland	Elisabeth	Pitman	Andy	Macquarie University	NSW		AUS	ESSL	TIIMES
Holland	Elisabeth	Quaas	Johannes	Max Planck Institute for Meteorology	Hamburg		DEU	ESSL	TIIMES
Holland	Elisabeth	Randall	David	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Holland	Marika	Raphael	Marilyn	University of California	Los Angeles	CA	USA	ESSL	CGD
Holland	Elisabeth	Raupach	Michael	CSIRO	Hobart	TAS	AUS	ESSL	TIIMES
Holland	Elisabeth	Rayner	Peter	CSIRO	Hobart	TAS	AUS	ESSL	TIIMES
Holland	Elisabeth	Rehder	Gregor	Leibniz-Institute of Marine Sciences	Kiel		DEU	ESSL	TIIMES
Holland	Elisabeth	Riebesell	Ulf	Leibniz-Institute of Marine Sciences	Kiel		DEU	ESSL	TIIMES
Holland	Elisabeth	Rödenbeck	Christian	Max Planck Institute for Meteorology	Jena		DEU	ESSL	TIIMES
Holland	Elisabeth	Rotstayn	Leon	CSIRO	Hobart	TAS	AUS	ESSL	TIIMES
Holland	Elisabeth	Roulet	Nigel	McGill University, Canada	Montreal	QC	CAN	ESSL	TIIMES

Holland	Elisabeth	Running	Steve	University of Montana	Missoula	MT	USA	ESSL	TIIMES
Holland	Elisabeth	Sabine	Chris	National Oceanic & Atmospheric Administration, PMEL	Seattle	WA	USA	ESSL	TIIMES
Holland	Elisabeth	Schultz	Martin	Yale University	New Haven	CT	USA	ESSL	TIIMES
Holland	Elisabeth	Schulz	Michael	University Bremen	Bremen		DEU	ESSL	TIIMES
Holland	Elisabeth	Schwartz	Steve	Brookhaven National Laboratory	Upton	NY	USA	ESSL	TIIMES
Holland	Gregory	Seaman	Nelson	National Oceanic and Atmospheric Administration	Camp Spring s	MD	USA	ESSL	MMM
Holland	Marika	Serreze	Mark	National Snow and Ice Data Center	Boulder	CO	USA	ESSL	CGD
Holland	Gregory	Shapiro	Melvin	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	MMM
Holland	Marika	Slater	Drew	National Snow and Ice Data Center	Boulder	CO	USA	ESSL	CGD
Holland	Elisabeth	Steffen	Will	International Geosphere-Biosphere Programme (IGBP)	Stockholm		SWE	ESSL	TIIMES
Holland	Elisabeth	Stevenson	David	CalTech	Pasdena	CA	USA	ESSL	TIIMES
Holland	Marika	Stroeve	Julienne	National Snow and Ice Data Center	Boulder	CO	USA	ESSL	CGD
Holland	Elisabeth	Sutton	Mark	CEH Edinburgh	Penicuik	Midlothian	GBR	ESSL	TIIMES
Holland	Elisabeth	Tian	Yuhong	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Holland	Marika	Tremblay	Bruno	McGill University	Montreal		CAN	ESSL	CGD
Holland	Elisabeth	Van Noije	Twan	Royal Netherlands Meteorological Institute (KNMI)	Wilhelminalaan		NLD	ESSL	TIIMES
Holland	Gregory	Webster	Peter	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	MMM
Holland	Marika	White	Dan	University of Alaska	Fairbanks	AK	USA	ESSL	CGD
Holland	Elisabeth	Wild	Oliver	University of Cambridge	Cambridge		GBR	ESSL	TIIMES
Holland	Elisabeth	Yang	Daqing	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	TIIMES
Holland	Elisabeth	Zeng	Xubin	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Holland	Elisabeth	Zhang	Tingjun	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Holland	Elisabeth	Zhou	Liming	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Hu	Aixue	Levermann	Anders	Potsdam Institute for Climate Impact			DEU	ESSL	CGD
Hu	Aixue	Morrill	Carrie	NOAA NCDC	Boulder	CO	USA	ESSL	CGD
Hu	Aixue	Stouffer	Ronald	NOAA/GFDL	Princeton	NJ	USA	ESSL	CGD
Hu	Aixue	Yin	Jianjun	NOAA/GFDL	Princeton	NJ	USA	ESSL	CGD
Huang	Hans	Chen	Min	China Meteorological Administration	Beijing		CHN	ESSL	MMM
Huang	Hans	Kim	Ju-Won	Korea Meteorological Administration	Seoul		KOR	ESSL	MMM
Huang	Hans	Li	Tim	University of Hawaii - Honolulu	Honolulu	HI	USA	ESSL	MMM

Huang	Hans	Won	Duk-Jin	Korean Meteorological Administration	Seoul		KOR	ESSL	MMM
Huang	Hans	Zhang	Xin	University of Hawaii - Manoa	Honolulu	HI	USA	ESSL	MMM
Hurrell	James	Busalacchi	A.	University of MD	College Park	MD	USA	ESSL	CGD
Hurrell	James	Clarke	R.	Bedford Institute of Oceanography	Dartmouth	NS	CAN	ESSL	CGD
Hurrell	James	Delworth	T.	GFDL/NOAA	Princeton	NJ	USA	ESSL	CGD
Hurrell	James	Dickinson	R. R.	Centre for Environment, Fisheries and Aquaculture Science	Lowestoft		GBR	ESSL	CGD
Hurrell	James	Eischeid	Jon	Climate Diagnostic Center/NOAA	Boulder	CO	USA	ESSL	CGD
Hurrell	James	Hoerling	Martin	Climate Diagnostic Center/NOAA	Boulder	CO	USA	ESSL	CGD
Hurrell	James	Johns	W. E.	Rosenstiel School of Marine and Atmospheric Science	Miami	FL	USA	ESSL	CGD
Hurrell	James	Koltermann	K. P.	Bundesamt f. Seeschifffahrt und Hydrographie	Hamburg		GER	ESSL	CGD
Hurrell	James	Kushnir	Y.	Lamont Doherty Earth Observatory	Palisades	NY		ESSL	CGD
Hurrell	James	Marshall	D.	University of Reading	Reading		GBR	ESSL	CGD
Hurrell	James	Mauritzen	C.	Norwegian Meteorological Institute	Oslo		NOR	ESSL	CGD
Hurrell	James	McCartney	M. S.	WHOI	Woods Hole	MA	USA	ESSL	CGD
Hurrell	James	Piola	A.	Servicio de Hidrografia Naval	Buenos Aires		ARG	ESSL	CGD
Hurrell	James	Reason	C.	University of Cape Town	Cape Town		ZAF	ESSL	CGD
Hurrell	James	Reverdin	G.	Univeristy of Paris	Paris		FRA	ESSL	CGD
Hurrell	James	Schott	F.	Leibniz Institut fuer Meereswissenschaften	Kieh		GER	ESSL	CGD
Hurrell	James	Sutton	R.	University of Reading	Reading		GBR	ESSL	CGD
Hurrell	James	Visbeck	M.	Leibniz Institut fuer Meereswissenschaften	Kiel		GER	ESSL	CGD
Hurrell	James	Wainer	Ilana	University of Sao Paolo	Sao Paolo		BRA	ESSL	CGD
Hurrell	James	Wright	D.	Bedford Institute of Oceanography	Dartmouth	NS	CAN	ESSL	CGD
Jochum	Markus	Eden	Carsten	IFM	Kiel		GER	ESSL	CGD
Jochum	Markus	Malanotte-Rizzoli	Paola	University of Maryland	College Park	MA	USA	ESSL	CGD
Jochum	Markus	Miller	Art	University of California	San Diego	CA	USA	ESSL	CGD
Jochum	Markus	Murtugudde	Ragu	University of Maryland	College Park	MA	USA	ESSL	CGD
Jochum	Markus	Seo	Hyodae	University of California	San Diego	CA	USA	ESSL	CGD
Jochum	Markus	Wang	Jinbo	University of Maryland	College Park	MA	USA	ESSL	CGD
Jochum	Markus	Zhou	Lei	University of Maryland	College Park	MA	USA	ESSL	CGD
Judge	Phil	Bogdan	Thomas	SEC	Boulder	CO	USA	ESSL	HAO
Judge	Phil	Cally	Paul	Dept. Applies Mathematics, Monash University	Melbourne		AUS	ESSL	HAO
Judge	Phil	Gudiksen	Boris	Institute for Theoretical Astrophysics, University of Oslo	Oslo		NOR	ESSL	HAO
Judge	Phil	McIntosh	Scott	Southwest Research Institute	Boulder	CO	USA	ESSL	HAO

Judge	Phil	Saar	Steven	Harvard-Smithsonian Center for Astrophysics, Harvard University	Cambridge	MA	USA	ESSL	HAO
Karl	Thomas	Artaxo	Paulo	University of Sao Paulo	Sao Paulo		BRA	ESSL	ACD
Karl	Thomas	Artaxo	Paulo	University of São Paulo	São Paulo		BRA	ESSL	TIIMES
Karl	Thomas	Atlas	Elliot	Rosenstiel School of Marine and Atmospheric Science	Miami	FL	USA	ESSL	TIIMES
Karl	Thomas	Blake	Donald	University of California, Irvine	Irvine	CA	USA	ESSL	TIIMES
Karl	Thomas	Busek	Peter	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Karl	Thomas	Christian	Ted	University of Montana	Missoula	MT	USA	ESSL	TIIMES
Karl	Thomas	DeGouw	Joost	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Karl	Thomas	Hao	Wei Min	USFS Missoula Fire Lab	Missoula	MT	USA	ESSL	TIIMES
Karl	Thomas	Holloway	John	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Karl	Thomas	Jardine	Kolby	Stony Brook University, SUNY	Stony Brook	NY	USA	ESSL	TIIMES
Karl	Thomas	Jimenez	Jose	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Karl	Thomas	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	TIIMES
Karl	Thomas	Rasmussen	Rei	OGI School of Science & Engineering	Portland	OR	USA	ESSL	ACD
Karl	Thomas	Rasmussen	Rei	Oregon helth & Science University	Portland	OR	USA	ESSL	TIIMES
Karl	Thomas	Riemer	Daniel	Rosenstiel School of Marine and Atmospheric Science	Miami	FL	USA	ESSL	TIIMES
Karl	Thomas	Warneke	Carsten	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Karl	Thomas	Wennberg	Paul	CalTech	Los Angeles	CA	USA	ESSL	TIIMES
Karl	Thomas	Wiedensohler	Alfred	Leibniz-Institute for Tropospheric Research, IFU	Leipzig		DEU	ESSL	TIIMES
Karl	Thomas	Yokelson	Robert	USFS/University of Montana	Missoula	Montana	USA	ESSL	ACD
Karl	Thomas	Yokelson	Robert	University of Montana	Missoula	MT	USA	ESSL	TIIMES
Kiehl	Jeffrey	Winguth	Arne	University of Wisconsin	Madison	WI	USA	ESSL	CGD
Klemp	Joe	Chen	Shu-Hua	University of California - Davis	Davis	CA	USA	ESSL	MMM
Klemp	Joseph	Kain	Jack	NSSL/SPC	Norman	OK	USA	ESSL	MMM
Klemp	Joseph	Wyngaard	John	Pennsylvania State University	University Pa rk	PA	USA	ESSL	MMM
Kleypas	Joan	Aronson	Rich	Dauphin Is. Sea Lab	Dauphin Island	AL	USA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Buddemeier	Robert	University of Kansas & Kansas Geological Survey	Lawrence	KS	USA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Caldeira	Ken	Carnegie Institution	Stanford	CA	USA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Eakin	Mark	National Oceanic & Atmospheric Administration, CSAR	Silver Spring	MD	USA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Fabry	Vicki	California State University, San Marcos	San Marcos	CA	USA	ESSL & SERE	TIIMES & ISSE

Kleypas	Joan	Feely	Richard	National Oceanic & Atmospheric Administration, PMEL	Seattle	WA	USA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Gattuso	Jean-Pierre	CNRS	Ville-Franche		FRA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Hendee	James	National Oceanic & Atmospheric Administration, AOML	Miami	FL	USA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Langdon	Chris	University of Miami	Miami	FL	USA	ESSL & SERE	TIIMES & ISSE
Kleypas	Joan	Sabine	Chris	National Oceanic & Atmospheric Administration, PMEL	Seattle	WA	USA	ESSL & SERE	TIIMES & ISSE
Knutti	Reto	Allen	Myles	University of Oxford	Oxford		GBR	ESSL	CGD
Knutti	Reto	Anderson	Theodore	University of Washington	Seattle	WA	USA	ESSL	CGD
Knutti	Reto	Andronova	Natasha	University of Illinois	Urbana	IL	USA	ESSL	CGD
Knutti	Reto	Bahn	Olivier	HEC	Montreal	Quebec	CAN	ESSL	CGD
Knutti	Reto	Booth	Ben	Metoffice	Exeter		GBR	ESSL	CGD
Knutti	Reto	Boucher	Olivier	CNRS	Villeneuve d'Ascq Cedex		FRA	ESSL	CGD
Knutti	Reto	Charlson	Robert	University of Washington	Seattle	WA	USA	ESSL	CGD
Knutti	Reto	Crucifix	Michel	Metoffice	Exeter		GBR	ESSL	CGD
Knutti	Reto	Dessai	Suraje	Tyndall Centre	Norwich		GBR	ESSL	CGD
Knutti	Reto	Drouet	Laurent	University of Geneva	Geneva		CHE	ESSL	CGD
Knutti	Reto	Edwards	Neil	Open University	Milton Keynes		GBR	ESSL	CGD
Knutti	Reto	Flueckiger	Jacqueline	University of Colorado	Boulder	CO	USA	ESSL	CGD
Knutti	Reto	Furrer	Reinhard	Colorado School of Mines	Golden	CO	USA	ESSL	CGD
Knutti	Reto	Gaye	Amadou	Dakar University	Dakar		SEN	ESSL	CGD
Knutti	Reto	Gerber	Stefan	Princeton University	Princeton	NJ	USA	ESSL	CGD
Knutti	Reto	Gregory	Jonathan	University of Reading	Reading		GBR	ESSL	CGD
Knutti	Reto	Haurie	Alain	University of Geneva	Geneva		CHE	ESSL	CGD
Knutti	Reto	Hegerl	Gabriele	Duke University	Durham	NC	USA	ESSL	CGD
Knutti	Reto	Heintzenberg	Jost	Institute for Tropospheric Research	Leipzig		DEU	ESSL	CGD
Knutti	Reto	Jun	Mikyoung	Texas A&M	College Station	TX	USA	ESSL	CGD
Knutti	Reto	Kamenkovich	Igor	University of Washington	Seattle	WA	USA	ESSL	CGD
Knutti	Reto	Kitoh	Akio	MRI	Osaka		JPN	ESSL	CGD
Knutti	Reto	Koehler	Peter	Alfred Wegener Institute	Bremerhaven		DEU	ESSL	CGD
Knutti	Reto	Kypreos	Sokrates	Paul Scherrer Institute	Villingen		CHE	ESSL	CGD
Knutti	Reto	Lohmann	Gerrit	Alfred Wegener Institute	Bremerhaven		DEU	ESSL	CGD
Knutti	Reto	Marsh	Robert	Southampton Oceanographic Centre	Southampton		GBR	ESSL	CGD
Knutti	Reto	Mueller	Simon	University of Bern	Bern		CHE	ESSL	CGD
Knutti	Reto	Murphy	James	Metoffice	Exeter		GBR	ESSL	CGD
Knutti	Reto	Plattner	Gian-Kasper	University of Bern	Bern		CHE	ESSL	CGD
Knutti	Reto	Rahmstorf	Stefan	Potsdam Institute for Climate Impact Research	Postdam		DEU	ESSL	CGD
Knutti	Reto	Raper	Sarah	Manchester University	Manchester		GBR	ESSL	CGD
Knutti	Reto	Rodhe	Henning	Stockholm University	Stockholm		SWE	ESSL	CGD
Knutti	Reto	Sanderson	Benjamin	University of Oxford	Oxford		GBR	ESSL	CGD
Knutti	Reto	Schwartz	Steven	Brookhaven National Lab	Upton	NY	USA	ESSL	CGD
Knutti	Reto	Sexton	David	Metoffice	Exeter		GBR	ESSL	CGD

Knutti	Reto	Stainforth	David	University of Oxford	Oxford		GBR	ESSL	CGD
Knutti	Reto	Stott	Peter	Metoffice	Exeter		GBR	ESSL	CGD
Knutti	Reto	Watterson	Ian	CSIRO	Melbourne		AUS	ESSL	CGD
Knutti	Reto	Weaver	Andrew	University of Victoria	Victoria		CAN	ESSL	CGD
Knutti	Reto	White	James	University of Colorado	Boulder	CO	USA	ESSL	CGD
Knutti	Reto	Zhao	Zong-Ci	China Meteorological Administration			CHN	ESSL	CGD
Kuo	Ying-Hwa	Bosart	Lance	State University of New York - Albany	Albany	NY	USA	ESSL	MMM
Kuo	Ying-Hwa	Cassano	John	University of Colorado	Boulder	CO	USA	ESSL	MMM
Kuo	Ying-Hwa	Cayette	Art	Space and Naval Warfare Systems Center	North Charleston	SC	USA	ESSL	MMM
Kuo	Ying-Hwa	Chen	George	National Taiwan University	Taipei		TWN	ESSL	MMM
Kuo	Ying-Hwa	Chiang	Chin-Hsiao	Central Weather Bureau	Taipei City	TWN	TWN	ESSL	MMM
Kuo	Ying-Hwa	Chu	Yanli	Beijing Meteorological Bureau	Beijing	Beijing	CHN	ESSL	MMM
Kuo	Ying-Hwa	Fan	Shuiyong	China Meteorological Administration	Beijing		CHN	ESSL	MMM
Kuo	Ying-Hwa	Jou	Jong-Dau	National Taiwan University	Taipei		TWN	ESSL	MMM
Kuo	Ying-Hwa	Leung	Lai-Yung	Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	MMM
Kuo	Ying-Hwa	Ma	Xiaoxing	Shanghai Meteorological Bureau	Shanghai	Shanghai	CHN	ESSL	MMM
Kuo	Ying-Hwa	Wang	Chung-Chieh	National Central University of Taiwan	Taipei	Taiwan	TWN	ESSL	MMM
Kuo	Ying-Hwa	Wang	Xiaofeng	Shanghai Meteorological Bureau	Shanghai		CHN	ESSL	MMM
Kuo	Ying-Hwa	Wang	Yingchun	China Meteorological Administration	Beijing		CHN	ESSL	MMM
Kuo	Ying-Hwa	Zhong	Jiqin	China Meteorological Administration	Beijing		CHN	ESSL	MMM
Lamarque	Jean-Francois	Heald	Collette	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Lamarque	Jean-Francois	Palmer	Paul	Leeds University	Leeds		GBR	ESSL	ACD
Lauritzen	Peter	Kaas	Eigil	University of Copenhagen	Copenhagen		DNK	ESSL	CGD
Lauritzen	Peter	Lindberg	Karina	Danish Meteorological Institute	Copenhagen		DNK	ESSL	CGD
Lauritzen	Peter	Machenhauer	Bennert	Danish Meteorological Institute	Copenhagen		DNK	ESSL	CGD
Lemone	Margaret	Cuenca	Richard	Oregon State University	Corvallis	OR	USA	ESSL	MMM
Lemone	Margaret	Grossman	Robert	Colorado Research Associates	Boulder	CO	USA	ESSL	MMM
Lenschow	Donald	Davis	Ken	Pennsylvania State University	University Park	PA	USA	ESSL	MMM

Lenschow	Donald	Faloon	Ian	University of California - Davis	Davis	CA	USA	ESSL	MMM
Lenschow	Donald	Finnigan	John	Commonwealth Scientific and Industrial Research Organization	Canberra	ACT	AUS	ESSL	MMM
Lenschow	Don	Finnigan	Joyhn	Commonwealth Scientific & Industrial	Canberra	ACT	AUS	ESSL	TIIMES
Lenschow	Donald	Gurarie	David	Case Western Reserve University	Cleveland	OH	USA	ESSL	MMM
Lenschow	Donald	Harman	Ian	CSIRO Marine and Atmospheric	Canberra		AUS	ESSL	MMM
Lenschow	Donald	Keith	David	University of Calgary	Calgary		CAN	ESSL	MMM
Lenschow	Donald	Koracin	Darko	Desert Research Institute	Reno	NV	USA	ESSL	MMM
Lenschow	Donald	Lilly	Douglas	University of Oklahoma	Norman	OK	USA	ESSL	MMM
Lenschow	Don	Liu	Siming	Chinese Academy of Sciences	Beijing		CAN	ESSL	TIIMES
Lenschow	Donald	Lothon	Marie	Centre de Recherches Atmospheriques	Toulouse		FRA	ESSL	MMM
Lenschow	Donald	Mahrt	Larry	Oregon State University	Corvallis	OR	USA	ESSL	MMM
Lenschow	Donald	Rosinski	Jan	Unaffiliated	Boulder	CO	USA	ESSL	MMM
Lenschow	Donald	Siems	Steven	Monash University	Monash	Victoria	AUS	ESSL	MMM
Lenschow	Donald	Stevens	Bjorn	University of California - Los Angeles	Los Angeles	CA	USA	ESSL	MMM
Lenschow	Donald	Weil	Jeffrey	University of Colorado - Boulder	Boulder	CO	USA	ESSL	MMM
Lenschow	Donald	Zhou	Ming-Yu	National Research Center for Marine Environment Forecasts	Beijing		CHN	ESSL	MMM
Levis	Samuel	Cook	Ben	University of Virginia	Charlottesville	VA	USA	ESSL	TIIMES
Levis	Sam	Cook	Ben	University of VA	Charlottesville	VA	USA		CGD
Levis	Samuel	Hoffman	Forrest	Oak Ridge National Laboratory	Oak Ridge	TN	USA	ESSL	TIIMES
Levis	Sam	Hoffman	Forrest	Oak Ridge National Lab (ORNL)	Oak Ridge	TN	USA	ESSL	CGD
Levis	Samuel	Stockli	Reto	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Levis	Sam	Stockli	Reto	CSU	Ft. Collins	CO	USA	ESSL	CGD
Lindsay	Keith	Doney	Scott	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	TIIMES
Lindsay	Keith	Doney	Scott	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	CGD
Lindsay	Keith	Moore	Keith	University of California, Irvine	Irvine	CA	USA	ESSL	TIIMES
Lindsay	Keith	Moore	Keith	University of California	Irvine	CA	USA	ESSL	CGD
Lites	Bruce	Balch	Tammy	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Barnes	Graham	CORA	Boulder	CO	USA	ESSL	HAO
Lites	Bruce	BerDEU	Thomas	Lockheed-Martin Solar and Astrophysics Lab	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Bolling	Matt	NASA Marshall Space Flight	Marshall Space Flight	AL	USA	ESSL	HAO

				Center	Center				
Lites	Bruce	Bookbinder	Jay	Smithsonian Astrophysical Observatory	Cambridge	MA	USA	ESSL	HAO
Lites	Bruce	Burress	Ben	Chabot Observatory and Science Center	Oakland	CA	USA	ESSL	HAO
Lites	Bruce	Bush	Rock	Stanford University	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Davis	John	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	De Pontieu	Bart	Lockheed-Martin Solar and Astrophysics Lab	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	DeLuca	Ed	Smithsonian Astrophysical Observatory	Cambridge	MA	USA	ESSL	HAO
Lites	Bruce	Doschek	George	Naval Research Labs	Washington	DC	USA	ESSL	HAO
Lites	Bruce	Fisher	Richard	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	HAO
Lites	Bruce	Gandorfer	Achim	Max-Planck-Institut fuer Sonnensystemforschung	Lindau		DEU	ESSL	HAO
Lites	Bruce	Glasgow	Spencer	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Golub	Leon	Smithsonian Astrophysical Observatory	Cambridge	MA	USA	ESSL	HAO
Lites	Bruce	Goode	Phillip	New Jersey Institute of Technology	Big Bear City	CA	USA	ESSL	HAO
Lites	Bruce	Harvey	John	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Lites	Bruce	Heber	Etta	Chabot Observatory and Science Center	Oakland	CA	USA	ESSL	HAO
Lites	Bruce	Hill	Larry	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Hurlburt	Neal	Lockheed-Martin Solar and Astrophysics Lab	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Ichimoto	Kiyoshi	National Astronomical Observatory of Japan	Tokyo		JPN	ESSL	HAO
Lites	Bruce	Jayroe	Bob	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Johnson	Paul	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Kato	Genzo	Mitsubishi Heavy Industries Nagoya Guidance and Propulsion Systems Works	Tanaka		JPN	ESSL	HAO
Lites	Bruce	Katsukawa	Yukio	National Astronomical Observatory of Japan	Tokyo		JPN	ESSL	HAO
Lites	Bruce	Keller	Christoph	Utrecht University	Utrecht		NLD	ESSL	HAO
Lites	Bruce	Keller	Vernon	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Korendyke	Clarence	Naval Research Labs	Washington	DC	USA	ESSL	HAO
Lites	Bruce	Kubo	Masahito	National Astronomical Observatory of Japan	Tokyo		JPN	ESSL	HAO

Lites	Bruce	Leka	KD	CORA	Boulder	CO	USA	ESSL	HAO
Lites	Bruce	Lindow	Brian	Chabot Observatory and Science Center	Oakland	CA	USA	ESSL	HAO
Lites	Bruce	Mariska	John	Naval Research Labs	Washington	DC	USA	ESSL	HAO
Lites	Bruce	Metcalf	Tom	CORA	Boulder	CO	USA	ESSL	HAO
Lites	Bruce	Mikami	Izumi	Mitsubishi Electric Corporation Communications Systems Center	Hyogo		JPN	ESSL	HAO
Lites	Bruce	Myers	Steve	Naval Research Labs	Washington	DC	USA	ESSL	HAO
Lites	Bruce	Nagase	Masayuki	Systems Engineering Consultants Co., Ltd.	Tokyo		JPN	ESSL	HAO
Lites	Bruce	Oliveras	Jose	Chabot Observatory and Science Center	Oakland	CA	USA	ESSL	HAO
Lites	Bruce	Owens	Jerry	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Parton	Dennis	NASA Marshall Space Flight Center	Marshall Space Flight Center	AL	USA	ESSL	HAO
Lites	Bruce	Pillet	Valentin	IAC	Tenerife		SPA	ESSL	HAO
Lites	Bruce	Rast	Mark	University of Colorado, LASP	Boulder	CO	USA	ESSL	HAO
Lites	Bruce	Reynolds	Mike	Chabot Observatory and Science Center	Oakland	CA	USA	ESSL	HAO
Lites	Bruce	Rimmele	Thomas	National Solar Observatory	Sunspot	NM	USA	ESSL	HAO
Lites	Bruce	Scharmer	Goran	Institute for Solar Physics, Swedish Royal Academy of Sciences	Stockholm		SWE	ESSL	HAO
Lites	Bruce	Scherrer	Phil	Stanford University	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Schmidt	Wolfgang	Kiepenheuer-Institut fuer Sonnenphysik	Frieburg		DEU	ESSL	HAO
Lites	Bruce	Schrijver	Karel	Lockheed-Martin Solar and Astrophysics Lab	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Schüssler	Manfred	Max-Planck-Institut fuer Sonnensystemforschung	Lindau		DEU	ESSL	HAO
Lites	Bruce	Shimada	Sadanori	Mitsubishi Electric Corporation Kamakural Works	Kanagawa		JPN	ESSL	HAO
Lites	Bruce	Shimizu	Toshifumi	Japan Aerospace Exploration Agency, Institute of Space and Aeronautical Science	Kanagawa		JPN	ESSL	HAO
Lites	Bruce	Shine	Dick	Lockheed-Martin Solar and Astrophysics Lab	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Solanki	Sami	Max-Planck-Institut fuer Sonnensystemforschung	Lindau		DEU	ESSL	HAO
Lites	Bruce	Suematsu	Yoshinori	National Astronomical Observatory of Japan	Tokyo		JPN	ESSL	HAO
Lites	Bruce	Takeyama	Norhide	Genesia Corporation	Tokyo		JPN	ESSL	HAO
				NASA Marshall Space Flight	Marshall Space Flight				

Lites	Bruce	Talley	Charlotte	Center	Center	AL	USA	ESSL	HAO
Lites	Bruce	Tarbell	Ted	Lockheed-Martin Solar and Astrophysics Lab	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Title	Allen	Lockheed-Martin Solar and Astrophysics Lab	Palo Alto	CA	USA	ESSL	HAO
Lites	Bruce	Tsuneta	Saku	National Astronomical Observatory of Japan	Tokyo		JPN	ESSL	HAO
Lites	Bruce	Wagner	Bill	NASA Headquarters	Washington	DC	USA	ESSL	HAO
Lites	Bruce	Willig	Robert	Lockheed-Martin	Palo Alto	CA	USA	ESSL	HAO
Liu	Hanli	Alexander	Joan	NorthWest Research Associates / CoRA	Boulder	CO	US	ESSL	TIIMES
Liu	Hanli	Azeem	Irfan	Embry-Riddle Aeronautical Univ.	Daytona Beach	FL	USA	ESSL	HAO
Liu	Chang-Hai	Bai	Aljuan	Chinese Academy of Sciences	Xi'an		CHN	ESSL	MMM
Liu	Hanli	Chu	Xinzhao	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Dornbrack	Andreas	Institut fur Physik der Atmosphere Wessling			DEU	ESSL	TIIMES
Liu	Hanli	Doyle	James	Naval Research Lab	Monterey	CA	USA	ESSL	TIIMES
Liu	Hanli	Dudhia	Jimy	MMM/NCAR	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Dunkerton	Timothy	Northwest Research Associates	Bellevue	WA	USA	ESSL	TIIMES
Liu	Hanli	Eckerman	Stephen	Naval Research Lab	Washington D.C.		USA	ESSL	TIIMES
Liu	Hanli	Fritts	David	Colorado Research Associates	Boulder	CO	USA	ESSL	TIIMES
Liu	Hanli	Gage	Kenneth	National Oceanic & Atmospheric Administration - ESRL	Boulder	CO	USA	ESSL	TIIMES
Liu	Hanli	Garcia	Rolando	ACD/NCAR	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Gardner	Chester	University of Illinois	Urbana	IL	USA	ESSL	TIIMES
Liu	Hanli	Geller	Marvin	Stony Brook University	Stony Brook	NY	USA	ESSL	TIIMES
Liu	Hanli	Hamilton	Kevin	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
Liu	Chang-Hai	Jiang	Qingfang	U.S. Navy	Monterey	CA	USA	ESSL	MMM
Liu	Hanli	Lane	Todd	The University of Melbourne	Melbourne	VIC	AUS	ESSL	TIIMES
Liu	Hanli	Li	Tao	California Inst. Technology	Wrightwood	CA	USA	ESSL	HAO
Liu	Hanli	Lieberman	Ruth	Colorado Research Associates	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Liu	Changhai	NCAR	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Oberheide	Jens	Wuppertal Univ.	Wuppertal		DEU	ESSL	HAO
Liu	Hanli	Riggin	Dennis	Colorado Research Associates	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Sassi	Fabrizio	CGD/NCAR	Boulder	CO	USA	ESSL	HAO
Liu	Hanli	Schunk	Robert	Utah State Univ.	Logan	UT	USA	ESSL	HAO
Liu	Hanli	She	Chiao-Yao	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Liu	Hanli	Shepherd	Theodore	University of Toronto	Toronto	ON	CA	ESSL	TIIMES
Liu	Hanli	Siskind	David	Naval Research Lab.	Washington	DC	USA	ESSL	HAO
Liu	Hanli	Smith	Ronald	Yale University	New Haven	CT	USA	ESSL	TIIMES
Liu	Hanli	Talaat	Elsayed	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Liu	Hanli	Taylor	Michael	Utah State Univ.	Logan	UT	USA	ESSL	HAO
Liu	Hanli	Vadas	Sharon	Colorado Research Associates	Boulder	CO	USA	ESSL	HAO

Liu	Hanli	Vincent	Robert	University of Adelaide	Adelaide		AUS	ESSL	TIIMES
Liu	Zhiquan	Vukicevic	Tomislava	University of Colorado - Boulder	Boulder	CO	USA	ESSL	MMM
Liu	Hanli	Wu	Dong	NASA Jet Propulsion Lab	Pasadena	CA	USA	ESSL	TIIMES
Liu	Hanli	Xu	Jiyao	Chinese Academy of Sciences	Beijing		CHN	ESSL	HAO
Liu	Hanli	Zhang	Fuqing	Texas A&M University	College Station	TX	USA	ESSL	TIIMES
Low	Boon Chye	Berger	Mitch	University College, University of London	London		GBR	ESSL	HAO
Low	Boon Chye	Diamond	Patrick	University of California/San Diego	San Diego	CA	USA	ESSL	HAO
Low	Boon Chye	Fong	Shih Choon	National University of Singapore	Singapore		CHN	ESSL	HAO
Low	Boon Chye	Fornberg	Bengt	University of Colorado	Boulder	CO	USA	ESSL	HAO
Low	Boon Chye	Janse	Aase Marit	Oslo University	Oslo		NOR	ESSL	HAO
Low	Boon Chye	Leer	Egil	Oslo University	Oslo		NOR	ESSL	HAO
Low	Boon Chye	Zhang	Mei	National Astronomical Observatory, Chinese Academy of Sciences	Beijing		CHN	ESSL	HAO
Lu	Gang	Evans	Dave	NOAA Space Environment Center	Boulder	CO	USA	ESSL	HAO
Lu	Gang	Goncharenko	Larisa	MIT Haystack Obs.	Westford	MA	USA	ESSL	HAO
Lu	Gang	Immel	Thomas	Univ. California at Berkeley	Berkeley	CA	USA	ESSL	HAO
Lu	Gang	Kozyra	Janet	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Lu	Gang	Lummerzheim	Dirk	Univ. Alaska at Fairbanks	Fairbanks	AK	USA	ESSL	HAO
Lu	Gang	Ruohoniemi	Mike	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
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MacGregor	Keith	Kim	Eun-jin	University of Sheffield	Sheffield		GBR	ESSL	HAO
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Madronich	Sasha	Aiken	Allison	University of Colorado	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Alexander	Michael	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Madronich	Sasha	Allan	James	University of Manchester (United Kingdom)	Manchester		GBR	ESSL	ACD
Madronich	Sasha	Allwine	Eugene Julian	Washington State University	Pullman	WA	USA	ESSL	ACD
Madronich	Sasha	Alvarado	Ernesto	University of Washington	Seattle	WA	USA	ESSL	ACD
Madronich	Sasha	Amador	Omar	Universidad Nacional Autónoma de México/Centro de Ciencias de la Atmósfera	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Aragon	Antonio	Universidad Autónoma de San Luis Potosí	San Luis Potosi	San Luis Potosi	MEX	ESSL	ACD
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Madronich	Sasha	Baumann	Karsten	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
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Madronich	Sasha	Beyersdorf	Andreas	University of California, Irvine	Irvine	CA	USA	ESSL	ACD
Madronich	Sasha	Billings	Robert	NASA Ames Research Center-SAIC	San Diego	CA	USA	ESSL	ACD
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Madronich	Sasha	Gilardoni	Stefania	University of California, San Diego	San Diego	CA	USA	ESSL	ACD
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Madronich	Sasha	Grivicke	Rasa	Washington State University	Pullman	WA	USA	ESSL	ACD
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Madronich	Sasha	Iida	Kenjiro	University of Minnesota	Minneapolis	MN	USA	ESSL	ACD
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Madronich	Sasha	Jayne	John	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
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Madronich	Sasha	Knobloch	Aaron	U.S. Forest Service	Washington	DC	USA	ESSL	ACD
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Madronich	Sasha	Kolb	Charles	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
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Madronich	Sasha	Li	Runjun	Texas A&M University	College Station	TX	USA	ESSL	ACD
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Madronich	Sasha	Muhlia	Austin	Universidad Nacional Autónoma de México/Centro de Ciencias de la Atmósfera	Mexico City	Mexico	MEX	ESSL	ACD
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Madronich	Sasha	Navarro	Rafael	Universidad Nacional Autónoma de México/Instituto Investigaciones Nucleares	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Nelson	David	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Nenes	Athanasios	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Madronich	Sasha	Noda	Jun	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	ACD
Madronich	Sasha	Northway	Megan	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD

Madronich	Sasha	Onasch	Timothy	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Ortega	John	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Madronich	Sasha	Osborn	Robert	Texas A&M University	College Station	TX	USA	ESSL	ACD
Madronich	Sasha	Osornio-Vargas	Alvaro	Instituto Nacional de Cancerologia	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Padro	Luz	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Madronich	Sasha	Paech	Simon	University of Alabama	Tuscaloosa	AL	USA	ESSL	ACD
Madronich	Sasha	Palancar	G	Universidad Nacional de Cordoba	Cordoba		ARG	ESSL	ACD
Madronich	Sasha	Pali	Christopher	NASA Langley Research Center	Langley	VA	USA	ESSL	ACD
Madronich	Sasha	Paredes	Lupita	University of Nevada	Reno	NV	USA	ESSL	ACD
Madronich	Sasha	Parrish	David Dewey	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Pekour	Mikhail	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Madronich	Sasha	Perez	Naomi	Consejo Superior de Investigaciones Cientificas	Madrid		Spain	ESSL	ACD
Madronich	Sasha	Pettersson	Jan	Goteborg University	Goteborg		SWE	ESSL	ACD
Madronich	Sasha	Pey Betran	Jorge	Consejo Superior de Investigaciones Cientificas	Madrid		ESP	ESSL	ACD
Madronich	Sasha	Phillips	Dustin	University of Alabama	Tuscaloosa	AL	USA	ESSL	ACD
Madronich	Sasha	Pikelnaya	Olga	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	ACD
Madronich	Sasha	Pilewskie	Peter	University of Colorado	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Pommier	John	NASA Ames Research Center-Bay Area Environmental Research Institute	Sonoma	CA	USA	ESSL	ACD
Madronich	Sasha	Prescott	Robert	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Pressley	Shelley Noelle	Washington State University	Pullman	WA	USA	ESSL	ACD
Madronich	Sasha	Prueger	John	University of Iowa	Iowa City	IA	USA	ESSL	ACD
Madronich	Sasha	Quintero	Margarito	Universidad Autónoma de Baja California	Baja California	Baja California	MEX	ESSL	ACD
Madronich	Sasha	Raga	Graciela	Universidad Nacional Autónoma de México	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Rahn	Thomas	DOE/Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	ACD
Madronich	Sasha	Ramirez	Sandra	Universidad Autónoma del Estado de Morelos	Cuernavaca	Morelos	MEX	ESSL	ACD
Madronich	Sasha	Ramos	Rafael	Secretaría del Medio Ambiente/D.F.	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Redemann	Jens	NASA Ames Research Center-Bay Area Environmental Research Institute	Sonoma	CA	USA	ESSL	ACD
Madronich	Sasha	Remer	Lorraine	NASA Goddard Space Flight Center-SSAI	Greenbelt	MD	USA	ESSL	ACD
Madronich	Sasha	Ren	Richard	SkyResearch, Inc.	Ashland	OR	USA	ESSL	ACD
Madronich	Sasha	Retama	Armando	Secretaría del Medio	Mexico City		MEX	ESSL	ACD

Madronich	Sasha	Rivas	M	Ambiente/D.F.	University of Arica	Arica	CHL	ESSL	ACD
	Sasha	Rivera	Claudia Inex	Chalmers University of Technology	Goteborg		SWE	ESSL	ACD
	Sasha	Rojas	E	University of Arica	Arica		CHL	ESSL	ACD
	Sasha	Rojas	Leonora	Instituto Nacional de Ecologia	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Rosas	Irma	Universidad Nacional Autónoma de México/Programa Universitario del Medio Ambiente	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Rosas	Irma Aurora	Universidad Nacional Autónoma de México	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Ruiz	Luis Gerardo	Universidad Nacional Autónoma de México/Centro de Ciencias de la Atmósfera	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Rule	Robert W.	NASA Langley Research Center	Langley	VA	USA	ESSL	ACD
Madronich	Sasha	Russell	Edgar	SpecTIR, Inc	Easton	MD	USA	ESSL	ACD
Madronich	Sasha	Russell	Lynn	University of California, San Diego	San Diego	CA	USA	ESSL	ACD
Madronich	Sasha	Russell	Phil	NASA Ames Research Center	Moffet Field	CA	USA	ESSL	ACD
Madronich	Sasha	Rutter	Andrew W.	University of Wisconsin	Madison	WI	USA	ESSL	ACD
Madronich	Sasha	Salcedo	Dara	Universidad Autónoma del Estado de Morelos	Cuernavaca	Morelos	MEX	ESSL	ACD
Madronich	Sasha	Salcido	Alejandro	Instituto de Investigaciones Eléctricas	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Schilde	Maik	University of Leipzig (Germany)	Leipzig		DEU	ESSL	ACD
Madronich	Sasha	Schmid	Beat	NASA Ames Research Center-Bay Area Environmental Research Institute	Sonoma	CA	USA	ESSL	ACD
Madronich	Sasha	Schmidt	Sebastian	University of Colorado	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Senum	Gunnar	DOE/Brookhaven National Laboratory	Upton	NY	USA	ESSL	ACD
Madronich	Sasha	Shaw	William	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Madronich	Sasha	Sheehy	Phillip	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	ACD
Madronich	Sasha	Shinozuka	Yohei	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Madronich	Sasha	Shorter	Joanne	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Sinreich	Roman	Heidelberg University	Heidelberg		DEU	ESSL	ACD
Madronich	Sasha	SJostedt	Steve	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Madronich	Sasha	Slowik	Jay	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Slusser	James	Colorado State University	Ft. Collins	CO	USA	ESSL	ACD
Madronich	Sasha	Snyder	David	University of Wisconsin	Madison	WI	USA	ESSL	ACD
Madronich	Sasha	Sosa	Gustavo	Instituto Mexicano del Petróleo	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Springston	Stephen	DOE/Brookhaven National Laboratory	Upton	NY	USA	ESSL	ACD
Madronich	Sasha	Stainer	Charles	University of Iowa	Iowa City	IA	USA	ESSL	ACD

Madronich	Sasha	Stevens	Phillip	University of Indiana	Bloomington	IN	USA	ESSL	ACD
Madronich	Sasha	Stolzenburg	Mark	University of Minnesota	Minneapolis	MN	USA	ESSL	ACD
Madronich	Sasha	Stright	John	U.S. Forest Service	Washington	DC	USA	ESSL	ACD
Madronich	Sasha	Stutz	Jochen Peter	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	ACD
Madronich	Sasha	Sueper	Donna	University of Colorado	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Sullivan	Amy	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Madronich	Sasha	Svancara	E. William	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Madronich	Sasha	Tagle	Austin	Comisión Nacional de Áreas Naturales Protegidas	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Tanner	David	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Madronich	Sasha	Tejeda	Dzoara	Instituto Tecnológico y de Estudios Superiores -Estado de México	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Thompson	Anne	Pennsylvania State University	Harrisburg	PA	USA	ESSL	ACD
Madronich	Sasha	Thompson	Erick	U.S. Forest Service	Washington	DC	USA	ESSL	ACD
Madronich	Sasha	Thornhill	Dwight	Virginia Tech	Blacksburg	VA	USA	ESSL	ACD
Madronich	Sasha	Tolley	Susan	NASA Ames Research Center-Bay Area Environmental Research Institute	Sonoma	CA	USA	ESSL	ACD
Madronich	Sasha	Tomlison	Jason	Texas A&M University	College Station	TX	USA	ESSL	ACD
Madronich	Sasha	Toohy	Darin	University of Colorado	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Toselli	B	Universidad Nacional de Cordoba	Cordoba		ARG	ESSL	ACD
Madronich	Sasha	Tovalin	Horacio	Universidad Nacional Autónoma de México	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Trainer	Michael	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Trias	Antonio	NASA Ames Research Center	Moffet Field	CA	USA	ESSL	ACD
Madronich	Sasha	Trimborn	Achim	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Truong	Minh	NASA Ames Research Center-Bay Area Environmental Research Institute	Sonoma	CA	USA	ESSL	ACD
Madronich	Sasha	Ulbrich	Ingrid	University of Colorado	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Urbanski	Shawn	U.S. Forest Service	Washington	DC	USA	ESSL	ACD
Madronich	Sasha	Uymhau	U	National Institutes of Health, MD	Bethesda	MD	USA	ESSL	ACD
Madronich	Sasha	Varela	Armando	Instituto Nacional de Investigaciones Nucleares	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Varela	Juan Ruben	Universidad Autónoma Metropolitana	Mexico City	Mexico	MEX	ESSL	ACD
Madronich	Sasha	Vargas	Oscar	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Madronich	Sasha	Vega	Elizabeth	Instituto Mexicano del Petróleo	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Velasco	Erik	Molina Center for Energy and Environment (MCE2)	La Jolla	CA	USA	ESSL	ACD

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Madronich	Sasha	Vimal	Deepali	University of Indiana	Bloomington	IN	USA	ESSL	ACD
Madronich	Sasha	Volkamer	Rainer	University of California, San Diego	San Diego	CA	USA	ESSL	ACD
Madronich	Sasha	Voss	Paul	Smith College	Northampton	MA	USA	ESSL	ACD
Madronich	Sasha	Wagner	Thomas Karl	Heidelberg University	Heidelberg		DEU	ESSL	ACD
Madronich	Sasha	Walker	John	Droplet Measurement Technologies, Inc.	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Walters	Justin	University of Alabama	Tuscaloosa	AL	USA	ESSL	ACD
Madronich	Sasha	Wang	Jian	DOE/Brookhaven National Laboratory	Upton	NY	USA	ESSL	ACD
Madronich	Sasha	Waquet	Fabien	Universite de Lille	Lille		FRA	ESSL	ACD
Madronich	Sasha	Warneke	Carsten	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Madronich	Sasha	Weber	Rodney	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Madronich	Sasha	Wennberg	Paul	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Madronich	Sasha	Westberg	Halvcr Holt	Washington State University	Pullman	WA	USA	ESSL	ACD
Madronich	Sasha	White	Robert	DOE/Argonne National Laboratory	Argonne	IL	USA	ESSL	ACD
Madronich	Sasha	Wind	Gala	NASA Goddard Space Flight Center-University of Maryland	Greenbelt	MD	USA	ESSL	ACD
Madronich	Sasha	Wold	Cyle	U.S. Forest Service	Washington	DC	USA	ESSL	ACD
Madronich	Sasha	Wolf	Justin	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Madronich	Sasha	Wood	Ezra	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Wooldridge	Paul	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Madronich	Sasha	Wörnschimmel	Henry	Instituto Nacional de Ecología/Centro Nacional de Investigación y Capacitación Ambiental	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Worsnop	Doug	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Wusk	Michael S.	NASA Langley Research Center	Langley	VA	USA	ESSL	ACD
Madronich	Sasha	Yokelson	Robert	University of Montana	Missoula	MT	USA	ESSL	ACD
Madronich	Sasha	Yu	Xiao-Ying	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Madronich	Sasha	Zahniser	Mark	Aerodyne, Inc.	Billerica	MA	USA	ESSL	ACD
Madronich	Sasha	Zambrano	Angela C.	Instituto Mexicano del Petróleo	Mexico City		MEX	ESSL	ACD
Madronich	Sasha	Zavala	Miguel	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	ACD
Madronich	Sasha	Zaveri	Rahul	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD

Madronich	Sasha	Zhang	Yan	Chalmers University of Technology	Goteborg		SWE	ESSL	ACD
Madronich	Sasha	Zheng	Jun	Texas A&M University	College Station	TX	USA	ESSL	ACD
Madronich	Sasha	Zhou	Jingchuan	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Madronich	Sasha	Zimmerer	Jon	SkyResearch, Inc.	Ashland	OR	USA	ESSL	ACD
Mahowald	Natalie	Artaxo	Paulo	University of São Paulo	São Paulo		BR	ESSL	TIIMES
Mahowald	Natalie	Artaxo	Paulo	Sao Paulo	Sao Paulo		BRA	ESSL	CGD
Mahowald	Natalie	Baker	Alex	University of East Anglia	Norwich		GBR	ESSL	TIIMES
Mahowald	Natalie	Baker	Alex	University of East Anglia			GBR	ESSL	CGD
Mahowald	Natalie	Battle	Mark	Bowdoin College	Brunswick	ME	USA	ESSL	TIIMES
Mahowald	Natalie	Bryant	Rob	The University of Sheffield	Western Ban k	Sheffield	GBR	ESSL	TIIMES
Mahowald	Natalie	Bryant	Robert	Sheffield University	Sheffield		GBR	ESSL	CGD
Mahowald	Natalie	Capone	Doug	University of Southern California	Los Angeles	CA	USA	ESSL	TIIMES
Mahowald	Natalie	Capone	Doug	University of Southern CA (USC)	Los Angeles	CA	USA	ESSL	CGD
Mahowald	Natalie	Chadwick	Oliver	University of California, Santa Barbara	Santa Barbar a	CA	USA	ESSL	TIIMES
Mahowald	Natalie	Chadwick	Oliver	University of CA (UCSB)	Santa Barbara	CA	USA	ESSL	CGD
Mahowald	Natalie	Chuang	Patrick	UCSC University of CA at Santa Cruz	Santa Cruz	CA	USA	ESSL	CGD
Mahowald	Natalie	Doney	Scott	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	TIIMES
Mahowald	Natalie	Doney	Scott	WHOI	Woods Hole	MA	USA	ESSL	CGD
Mahowald	Natalie	Dufresne	Jean-Louis	CNRS - Université de Jussieu	Paris		FRA	ESSL	TIIMES
Mahowald	Natalie	Dufresne	Jean-Lous	CNRS	Paris		FRA	ESSL	CGD
Mahowald	Natalie	Fung	Inez	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Mahowald	Natalie	Fung	Inez	University CA	Berkeley	CA	USA	ESSL	CGD
Mahowald	Natalie	Gautier	Catherine	University of California, Santa Barbara	Santa Barbar a	CA	USA	ESSL	TIIMES
Mahowald	Natalie	Gautier	Catherine	UCSB	Santa Barbara	CA	USA	ESSL	CGD
Mahowald	Natalie	Hand	Jenny	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Mahowald	Natalie	Hand	Jenny	CIRA - CSU	Ft. Collins	CO	USA	ESSL	CGD
Mahowald	Natalie	Jickells	Tim	University of East Anglia	Norwich		GBR	ESSL	TIIMES
Mahowald	Natalie	Jickells	Tim	University of East Anglia			GBR	ESSL	CGD
Mahowald	Natalie	Jones	Charles	University of California, Santa Barbara	Santa Barbar a	CA	USA	ESSL	TIIMES
Mahowald	Natalie	Jones	Charles	UCSB	Santa Barbara	CA	USA	ESSL	CGD
Mahowald	Natalie	Kirk-Davidoff	Daniel	University of Maryland	College Park	MD	USA	ESSL	TIIMES
Mahowald	Natalie	Kirk-Davidoff	Daniel	University of MD	Columbia	MD	USA		CGD
Mahowald	Natalie	Michaels	Tony	University of Southern California	Los Angeles	CA	USA	ESSL	TIIMES
Mahowald	Natalie	Michaels	Tony	USC	Los Angeles	CA	USA	ESSL	CGD
Mahowald	Natalie	Moore	Keith	University of California, Irvine	Irvine	CA	USA	ESSL	TIIMES

	Mahowald	Natalie	Moore	Keith	UCI University of CA at Irvine	Irvine	CA	USA	ESSL	CGD
	Mahowald	Natalie	Muhs	Daniel	US Geological Survey	Lakewood	CO	USA	ESSL	TIIMES
	Mahowald	Natalie	Muhs	Daniel	USGS	Denver	CO	USA	ESSL	CGD
	Mahowald	Natalie	Okin	Greg	Univerity of Virginia	Charlottesville	VA	USA	ESSL	TIIMES
	Mahowald	Natalie	Okin	Greg	UCLA	Los Angeles	CA	USA	ESSL	CGD
	Mahowald	Natalie	Painter	Thomas	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
	Mahowald	Natalie	Painter	Thomas	NSIDC	Boulder	CO	USA	ESSL	CGD
	Mahowald	Natalie	Plumb	Alan	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	TIIMES
	Mahowald	Natalie	Plumb	Alan	MIT	Cambridge	MA	USA	ESSL	CGD
	Mahowald	Natalie	Randerson	James	University of California, Irvine	Irvine	CA	USA	ESSL	TIIMES
	Mahowald	Natalie	Randerson	James	UCI	Irvine	CA	USA	ESSL	CGD
	Mahowald	Natalie	Roberts	Dar	University of California, Santa Barbara	Santa Barbar a	CA	USA	ESSL	TIIMES
	Mahowald	Natalie	Savoie	Dennis	University of Miami	Miami	FL	USA	ESSL	TIIMES
	Mahowald	Natalie	Siefert	Ron	University of Maryland	Solomons	MD	USA	ESSL	TIIMES
	Mahowald	Natalie	Siegel	Dave	University of California, Santa Barbara	Santa Barbar a	CA	USA	ESSL	TIIMES
	Mahowald	Natalie	Siegel	Dave	UCSB	Santa Barbara	CA	USA	ESSL	CGD
	Mahowald	Natalie	Torres	Omar	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
	Mahowald	Natalie	Torres	Omar	GSFC	Columbia	MD	USA	ESSL	CGD
	Mahowald	Natalie	Townsend	Alan	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
	Mahowald	Natalie	Townsend	Alan	CU	Boulder	CO	USA	ESSL	CGD
	Mahowald	Natalie	Williams	Ric	University of Liverpool	Liverpool		GBR	ESSL	TIIMES
	Mahowald	Natalie	Zender	Charlie	University of California, Irvine	Irvine	CA	USA	ESSL	TIIMES
	Meehl	Gerald	Han	Weiqing	University of Colorado	Boulder	CO	USA	ESSL	CGD
	Michalakes	John	Abeles	James	IBM	Boulder	CO	USA		
	Michalakes	John	Black	Thomas	NOAA NCEP	Camp Spring s	MD	USA	ESSL	MMM
	Michalakes	John	Cisneros	Gerardo	SGI	Mexico City		MEX	ESSL	MMM
	Michalakes	John	Droegemeier	Kevin	University of Oklahoma	Norman	OK	USA	ESSL	MMM
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	Michalakes	John	Hodur	Richard	Naval Research Laboratory	Monterey	CA	USA	ESSL	MMM
	Michalakes	John	Johnsen	Peter	CRAY	Kirkland		CAN	ESSL	MMM
	Michalakes	John	Parks	David	NEC	Washington DC	DC	USA	ESSL	MMM
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	Miesch	Mark	Browning	Matthew	University of California	Berkeley	CA	USA	ESSL	HAO
	Miesch	Mark	Brun	Allan Sacha	CEA Saclay	Gif sur Yvette		FRA	ESSL	HAO

Miesch	Mark	DeRosa	Marc	Lockheed-Martin	Palo Alto	CA	USA	ESSL	HAO
Miesch	Mark	Featherstone	Nicholas	University of Colorado	Boulder	CO	USA	ESSL	HAO
Miesch	Mark	Green	Cristina	Stanford University	Palo Alto	CA	USA	ESSL	HAO
Miesch	Mark	Hartlep	Thomas	NASA Ames Research	Mountain View	CA	USA	ESSL	HAO
Miesch	Mark	Komm	Rudi	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Miesch	Mark	Kosovichev	Alexander	Stanford University	Palo Alto	CA	USA	ESSL	HAO
Miesch	Mark	Mansour	Nagi	NASA Ames Research	Mountain View	CA	USA	ESSL	HAO
Miesch	Mark	Toomre	Juri	University of Colorado	Boulder	CO	USA	ESSL	HAO
MMM Collaborators		Anderson	Martha	USDA	Beltsville	MD	USA	ESSL	MMM
MMM Collaborators		Bandy	Alan	Drexel University	Philadelphia	PA	USA	ESSL	MMM
MMM Collaborators		Basara	Jeff	University of Oklahoma	Norman	OK	USA	ESSL	MMM
MMM Collaborators		Blanken	Peter	University of Colorado	Boulder	CO	USA	ESSL	MMM
MMM Collaborators		Charbonneau	Paul	Univeriste de Montreal	Montreal		CAN	ESSL	MMM
MMM Collaborators		Craig	George	DLR-Institut fuer Physik der Atmosphaere	Wessling		DEU	ESSL	MMM
MMM Collaborators		Ferrier	Brad	NCEP/NOAA	Camp Spring s	MD	USA	ESSL	MMM
MMM Collaborators		Fitzmaurice	Li	California Air Resources Board	Sacramento	CA	USA	ESSL	MMM
MMM Collaborators		Frieli ch	Rod	CIRES, University of Colorado	Boulder	CO	USA	ESSL	MMM
MMM Collaborators		Gauthier	Michael	University of Alabama	Huntsville	AL	USA	ESSL	MMM
MMM Collaborators		Geerts	Bart	University of Wyoming	Laramie	WY	USA	ESSL	MMM
MMM Collaborators		Ghizaru	Mihai	Univeriste de Montreal	Montreal		CAN	ESSL	MMM
MMM Collaborators		Gray	Suzanne	University of Reading	Reading		GBR	ESSL	MMM
MMM Collaborators		Hagimoto	Yutaka	Oregon State University	Corvallis	OR	USA	ESSL	MMM
MMM Collaborators		Kiemle	Christoph	Deutschen Zentrum fur Luft-und Raumfahrt	Wessling		DEU	ESSL	MMM
MMM Collaborators		Palmer	Tim	European Centre for Medium Range Weather Forecast	Reading		GBR	ESSL	MMM
MMM Collaborators		Ramachandr an	Sanjiv	Pennsylvania State University	University Pa rk	PA	USA	ESSL	MMM
MMM Collaborators		Savic-Jovcic	Verica	University of California, LA	Los Angeles	CA	USA	ESSL	MMM
MMM Collaborators		Slingo	Julia	University of Reading	Reading		GBR	ESSL	MMM
MMM Collaborators		Su	Hong-Bing	East Carolina University	Greenville	NC	USA	ESSL	MMM
MMM Collaborators		Tsai	Wu-Ting	National Central University	Taipei		TWN	ESSL	MMM
MMM Collaborators		Weiss	Steve	NSSL/SPC	Norman	OK	USA	ESSL	MMM
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Moncrieff	Mitch	Bretherton	Chris	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Moncrieff	Mitch	Brunet	Gilbert	Environment Canada	Dorval	QC	CAN	ESSL	TIIMES
				National Oceanic & Atmospheric					

Moncrieff	Mitch	Donner	Leo J	Administration - GFDL, Princeton University	Princeton	NJ	USA	ESSL	TIIMES
Moncrieff	Mitch	Hansen	James A.	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	TIIMES
Moncrieff	Mitch	Hartmann	Dennis L.	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Moncrieff	Mitch	Houze	Robert	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Moncrieff	Mitch	Johnson	Richard	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Moncrieff	Mitch	Kiladis	George	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Moncrieff	Mitch	Lau	William K.-M.	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Moncrieff	Mitch	Majda	Andrew	NYU – Courant Institute of Mathematical Sciences	New York	NY	USA	ESSL	TIIMES
Moncrieff	Mitch	Maloney	Eric	Oregon State University	Corvallis	OR	USA	ESSL	TIIMES
Moncrieff	Mitch	Mapes	Brian	University of Miami	Miami	FL	USA	ESSL	TIIMES
Moncrieff	Mitchell	Mohandas	Saji	National Center for Medium Range Weather Forecasting	Noida	Uttar Pradesh	IND	ESSL	MMM
Moncrieff	Mitch	Mullen	Steve	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Moncrieff	Mitch	Schumacher	Courtney	Texas A&M University	College Station	TX	USA	ESSL	TIIMES
Moncrieff	Mitch	Stephens	Pam	NSF – GEO - ATM	Arlington	VA	USA	ESSL	TIIMES
Moncrieff	Mitch	Szunyogh	Istvan	University of Maryland	College Park	MD	USA	ESSL	TIIMES
Moncrieff	Mitch	Tulich	Stefan	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Moncrieff	Mitchell	Tung	Wen-wen	Purdue University	West Lafayette	IN	USA	ESSL	MMM
Moncrieff	Mitch	Tung	Wen-wen	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Moncrieff	Mitch	Walliser	Duane	NASA Jet Propulsion Lab - Caltech	Pasadena	CA	USA	ESSL	TIIMES
Moncrieff	Mitch	Webster	Peter	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Moncrieff	Mitch	Zhang	Chidong	University of Miami, RSMAS	Miami	FL	USA	ESSL	TIIMES
Oleson	Keith	Dickinson	Robert	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Oleson	Keith	Feddema	Johannes	University of Kansas	Lawrence	KS	USA	ESSL	TIIMES
Oleson	Keith	Feddema	Johannes	University of Kansas	Lawrence	KS	USA	ESSL	CGD
Oleson	Keith	Koster	R. D.	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Oleson	Keith	Koster	Randall	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	CGD
Oleson	Keith	Niu	Guo-Yue	University of TX	Austin	TX	USA		CGD
Oleson	Keith	Nui	G.-Y.	University of Texas at Austin	Austin	TX	USA	ESSL	TIIMES
Oleson	Keith	Stockli	Reto	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Oleson	Keith	Yang	Z.-L.	University of Texas at Austin	Austin	TX	USA	ESSL	TIIMES
Oleson	Keith	Yang	Zong-Liang	University of TX	Austin	TX	USA	ESSL	CGD
Oleson	Keith	Zeng	Xubin	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Oleson	Keith	Zeng	Xubin	University of AZ	Tucson	AZ	USA	ESSL	CGD

Orlando	John	Calvert	Jack	Oak Ridge National Laboratory	Oak Ridge	TN	USA	ESSL	ACD
Orlando	John	Derwent	RG	RDSscientific	Berkshire		GBR	ESSL	ACD
Orlando	John	Ellison	GB	University of Colorado	Boulder	CO	USA	ESSL	ACD
Orlando	John	Hasson	Alam	California State University - Fresno	Fresno	CA	USA	ESSL	ACD
Orlando	John	Wallington	TJ	Ford Motor Company	Dearborn	MI	USA	ESSL	ACD
Otto-Bliesner	Bette	Abe	Ayako	University of Tokyo	Tokyo		JPN	ESSL	CGD
Otto-Bliesner	Bette	Alley	Richard	Pennsylvania State University	State College	PA	USA	ESSL	CGD
Otto-Bliesner	Bette	Braconnot	Pascale	IPSF	Paris		FRA	ESSL	CGD
Otto-Bliesner	Bette	Cole	Julie	University of Arizona	Tucson	AZ	USA	ESSL	CGD
Otto-Bliesner	Bette	Hewitt	Chris	Hadley Centre	Exeter		GBR	ESSL	CGD
Otto-Bliesner	Bette	Hughen	Konrad	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	CGD
Otto-Bliesner	Bette	Kaufman	Darrell	Northern Arizona University	Flagstaff	AZ	USA	ESSL	CGD
Otto-Bliesner	Bette	Lipscomb	William	LANL	Los Alamos	NM	USA	ESSL	CGD
Otto-Bliesner	Bette	MacDonald	Glen	U. California Los Angeles	Los Angeles	CA	USA	ESSL	CGD
Otto-Bliesner	Bette	Marchitto	Tom	University of Colorado	Boulder	CO	USA	ESSL	CGD
Otto-Bliesner	Bette	Marshall	Shawn	University of Calgary	Calgary	Alberta	CAN	ESSL	CGD
Otto-Bliesner	Bette	Miller	Gifford	Intsitute of Arctic and Alpine Research and Department of Geological Sciences, U. Colorado	Boulder	CO	USA	ESSL	CGD
Otto-Bliesner	Bette	Noone	Davie	University of Colorado	Boulder	CO	USA	ESSL	CGD
Otto-Bliesner	Bette	Overpeck	Jonathan	University of Arizona	Tucson	AZ	USA	ESSL	CGD
Otto-Bliesner	Bette	Schneider	Ralph	University of Kiel	Kiel		DEU	ESSL	CGD
Otto-Bliesner	Bette	Yoshida	Yoshikatsu	CRIEPI	Tokyo		JPN	ESSL	CGD
Pan (Ting, Liwen)	Laura	Alexander	Joan	NorthWest Research Associates	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Atlas	Elliot	University of Miami	Miami	FL	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Bertram	Timothy	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Bian	Jianchun	Chinese Academy of Sciences	Beijing		CAN	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Bowman	Kenneth	Texas A&M University	College Station	TX	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Bowman	Kenneth	Texas A&M University	College Station	TX	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Brune	William	Pennsylvania State University	University Park	PA	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Clarke	Tony	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Cohen	Ron	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Cooper	Owen	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Crawford	James	NASA Langley Research Center	Hampton	VA	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	deGouw	Joost	National Oceanic & Atmospheric Administration - ERL	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Dunkerton	Timothy	NorthWest Research Associates	Bellevue	WA	USA	ESSL	TIIMES

Pan (Ting, Liwen)	Laura	Gahn	Steve	Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Garrett	Tim	University of Utah	Salt Lake City	UT	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Grell	George	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Helsdon	John	South Dakota School of Mines & Tech	Rapid City	SD	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Hongbin	Chen	Chinese Academy of Sciences	Beijing		CAN	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Howell	Steve	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Huey	Greg	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Jimenez	Jose-Luis	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Kim	Si-Wan	National Oceanic & Atmospheric Administration - ESRL, University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Krehbiel	Paul	New Mexico Institute of Technology	Socorro	NM	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Lang	Timothy	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Langford	Andy	National Oceanic & Atmospheric Administration - ESRL	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	MacGorman	Don	National Oceanic & Atmospheric Administration - NSSL	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Mullendore	Gretchen	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Petersen	Walter	University of Alabama, Huntsville	Huntsville	AL	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Pickering	Kenneth	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Si-Wan	Kim	National Oceanic & Atmospheric Administration - ESRL, University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Toohey	Darin	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Tung	Wen-wen	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Wang	Pao	University of Wisconsin	Madison	WI	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Wilson	Charles	University of Denver	Denver	CO	USA	ESSL	TIIMES
Pan (Ting, Liwen)	Laura	Zondlo	Mark	Southwest Sciences	Santa Fe	NM	USA	ESSL	TIIMES
Parson	David	Bretherton	Chris	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Parson	David	Brunet	Gilbert	Environment Canada	Dorval	QC	CAN	ESSL	TIIMES
Parson	David	Donner	Leo J	National Oceanic & Atmospheric Administration - GFDL, Princeton University	Princeton	NJ	USA	ESSL	TIIMES
Parson	David	Hansen	James A.	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	TIIMES
Parson	David	Hartmann	Dennis L.	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Parson	David	Houze	Robert	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Parson	David	Johnson	Richard	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Parson	David	Kiladis	George	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES

Parson	David	Lau	William K.-M.	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Parson	David	Majda	Andrew	NYU – Courant Institute of Mathematical Sciences	New York	NY	USA	ESSL	TIIMES
Parson	David	Maloney	Eric	Oregon State University	Corvallis	OR	USA	ESSL	TIIMES
Parson	David	Mapes	Brian	University of Miami	Miami	FL	USA	ESSL	TIIMES
Parson	David	Mullen	Steve	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Parson	David	Schumacher	Courtney	Texas A&M University	College Station	TX	USA	ESSL	TIIMES
Parson	David	Stephens	Pam	NSF – GEO - ATM	Arlington	VA	USA	ESSL	TIIMES
Parson	David	Szunyogh	Istvan	University of Maryland	College Park	MD	USA	ESSL	TIIMES
Parson	David	Tulich	Stefan	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Parson	David	Tung	Wen-wen	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Parson	David	Walliser	Duane	NASA Jet Propulsion Lab - Caltech	Pasadena	CA	USA	ESSL	TIIMES
Parson	David	Webster	Peter	Georgla Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Parson	David	Zhang	Chidong	University of Miami, RSMAS	Miami	FL	USA	ESSL	TIIMES
Parsons	David	Cocquerez	Philippe	CNES	Toulouse		FRA	ESSL	TIIMES
Parsons	David	Drobinski	Philippe	LMD-CNRS	Paris		FRA	ESSL	TIIMES
Parsons	David	Redelsperger	Jean-Luc	CNRM	Toulouse		FRA	ESSL	TIIMES
Parsons	David	Venal	Stephanie	CNES	Toulouse		FRA	ESSL	TIIMES
Parsons	David	Wang	Peng-Yun	Chinese Academy of Atmospheric Physics	Beijing		CHN	ESSL	TIIMES
Patton	Edward	Bach	Walter	Army Research Office	Durham	NC	USA	ESSL	TIIMES
Patton	Edward	Coceal	Omduth	University of Reading	Reading		GBR	ESSL	TIIMES
Patton	Edward	Finnigan	John	CSIRO	Canberra	ACT	AUS	ESSL	TIIMES
Patton	Edward	Finnigan	Joyhn	Commonwealth Scientific & Industrial	Canberra	ACT	AUS	ESSL	TIIMES
Patton	Edward	Friedman	Sara	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	TIIMES
Patton	Edward	Harman	Ian	CSIRO	Canberra	ACT	AUS	ESSL	TIIMES
Patton	Edward	Lee	Xuhui	Yale University	New Haven	CT	USA	ESSL	TIIMES
Patton	Ned	Shaw	Roger	University of California - Davis	Davis	CA	USA	ESSL	MMM
Patton	Edward	Shaw	Roger	University of California, Davis	Davis	CA	US	ESSL	TIIMES
Pfister	Gabriele	Attie	Jean-Luc	Université de Toulouse	Toulouse		FRA	ESSL	ACD
Pfister	Gabriele	Honrath	Richard	Michigan Technological University	Houghton	MI	USA	ESSL	ACD
Pfister	Gabriele	Palmer	Paul	University of Leeds	Leeds		GBR	ESSL	ACD
Pfister	Gabriele	Randerson	James	University of California, Irvine	Irvine	CA	USA	ESSL	ACD
Pfister	Gabriele	Thompson	Anne M.	Pennsylvania State University	University Park	PA	USA	ESSL	ACD
Pietarila	Anna	Carlsson	Mats	University of Oslo, Institue of Theoretical Astrophysics	Oslo		NOR	ESSL	HAO
Pietarila	Anna	Stein	Robert	Michigan State University	East Lansing	MI	USA	ESSL	HAO
Powers	Jordan	Huang	Kuang-Yuan	Civil Aeronautics Administration	Yilan		TWN	ESSL	MMM

Powers	Jordan	Liu	Sheng-Tsung	Civil Aeronautics Administration	Taipei City	Taiwan	TWN	ESSL	MMM
Qian	LiyIng	Bowman	Bruce	Air Force Space Command	Colorado Springs	CO	USA	ESSL	HAO
Qian	LiyIng	Kane	Timothy	Pennsylvania State Univ.	State College	PA	USA	ESSL	HAO
Qian	LiyIng	Marcos	Frank	Air Force Research Lab.	Hanscom Air Force Base	MA	USA	ESSL	HAO
Randel	William	Birner	Thomas	University of Toronto	Toronto		CAN	ESSL	ACD
Randel	William	Bowman	Ken	Texas A&M University	College Station	TX	USA	ESSL	ACD
Randel	William	Dessler	Andy	Texas A&M University	College Station	TX	USA	ESSL	ACD
Randel	William	Eldering	Annemarie	NASA Jet Propulsion Laboratory	Pasadena	CA	USA	ESSL	ACD
Randel	William	Forster	Piers	University of Leeds	Leeds		GBR	ESSL	ACD
Randel	William	Irion	Frederick	NASA Jet Propulsion Laboratory	Pasadena	CA	USA	ESSL	ACD
Randel	William	Jiang	Jonathan	NASA Jet Propulsion Laboratory	Pasadena	CA	USA	ESSL	ACD
Randel	William	Matthews	Adrian	University of Canterbury	Canterbury		NZL	ESSL	ACD
Randel	William	Nedoluha	Gerald	Naval Research Laboratory	Washington	DC	USA	ESSL	ACD
Randel	William	Polvani	Lorenzo	Columbia University	New York	NY	USA	ESSL	ACD
Randel	William	Ramaswamy	V	GFDL Princeton University	Princeton	NJ	USA	ESSL	ACD
Randel	William	Seidel	Dian	NOAA Air Resources Laboratory	Silver Spring	MD	USA	ESSL	ACD
Randel	William	Shine	Keith	University of Reading	Reading		GBR	ESSL	ACD
Randel	William	Vomel	Holger	NOAA Aerolomy Laboratory	Boulder	CO	USA	ESSL	ACD
Randel	William	Wu	Dong	NASA Jet Propulsion Laboratory	Pasadena	CA	USA	ESSL	ACD
Rasch	Phillip	Bond	Tami	University of Illinois	Urbana	IL	USA	ESSL	CGD
Rasch	Phillip	Crutzen	Paul	Max Planck Institute for Chemistry	Mainz		DEU	ESSL	CGD
Rasch	Phillip	Emanuel	Kerry	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	CGD
Rasch	Phillip	Wood	Rob	University of Washington	Seattle	WA	USA	ESSL	CGD
Rasch	Phillip	Zender	Charlie	University of California	Irvine	CA	USA	ESSL	CGD
Rasmussen	Roy	Artaxo	Paolo	University of São Paulo	São Paulo		BRA	ESSL	TIIMES
Rasmussen	Roy	Avissar	Roni	Duke University	Durham	NC	USA	ESSL	TIIMES
Rasmussen	Roy	Brooks	Paul	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Rasmussen	Roy	Busalacchi	Antonio	ESSIC/University of Maryland	College Park	MD	USA	ESSL	TIIMES
Rasmussen	Roy	Busalacchi	Antonio	University of Maryland	College Park	MD	USA	ESSL	TIIMES
Rasmussen	Roy	Dickinson	Robert	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Rasmussen	Roy	Fu	Rong	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Rasmussen	Roy	Hildebrand	Peter	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Rasmussen	Roy	Houser	Paul	GMU - CREW	Calverton	MD	USA	ESSL	TIIMES
Rasmussen	Roy	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	TIIMES
Rasmussen	Roy	Lara	Luciene	University of São Paulo	São Paulo		BRA	ESSL	TIIMES
Rasmussen	Roy	Milford	Jana	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Rasmussen	Roy	Niyogi	Dev	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Rasmussen	Roy	Pan	Zaitao	St. Louis University	St. Louis	MO	USA	ESSL	TIIMES

Rasmussen	Roy	Penuelas	Josep	CSIC-CREAF Barcelona	Barcelona		ESP	ESSL	TIIMES
Rasmussen	Roy	Peters-Lidard	Christa	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Rasmussen	Roy	Randall	David	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Rasmussen	Roy	Running	Steve	University of Montana	Missoula	MT	USA	ESSL	TIIMES
Rasmussen	Roy	Sutton	Mark	CEH Edinburgh	Penicuik	Midlothian	GBR	ESSL	TIIMES
Rasmussen	Roy	Yang	Daqing	University of Alaska, Fairbanks	Fairbanks	AK	USA	ESSL	TIIMES
Rasmussen	Roy	Zeng	Xubin	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Richmond	Arthur	Akmaev	Rashid	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Richmond	Arthur	Anderson	Phillip	Univ. Texas at Dallas	Richardson	TX	USA	ESSL	HAO
Richmond	Arthur	Crowley	Geoffrey	ASTRA	San Antonio	TX	USA	ESSL	HAO
Richmond	Arthur	Curtis	Natalie	Univ. Texas	San Antonio	TX	USA	ESSL	HAO
Richmond	Arthur	Doumbia	Vafi	Univ. Cocody	Abidjan		CDL	ESSL	HAO
Richmond	Arthur	Drob	Douglas	Naval Research Lab.	Washington	DC	USA	ESSL	HAO
Richmond	Arthur	Eastes	Richard	Florida Space Inst.	Kennedy Space Center	FL	USA	ESSL	HAO
Richmond	Arthur	Fang	Tzu-Wei	National Central Univ.	Chung-Li		TAI	ESSL	HAO
Richmond	Arthur	Fesen	Cassandra	Dartmouth Univ.	Hanover	NH	USA	ESSL	HAO
Richmond	Arthur	Fuller-Rowell	Timothy	NOAA Space Environment Center	Boulder	CO	USA	ESSL	HAO
Richmond	Arthur	Huang	Chien-Hung	National Central Univ.	Chung-Li		TAI	ESSL	HAO
Richmond	Arthur	Hurtaud	Yanni	Univ. Paul Sabatier	Toulouse		FRA	ESSL	HAO
Richmond	Arthur	Kwak	Young-Sil	Kyungpook National Univ.	Daegu		KOR	ESSL	HAO
Richmond	Arthur	Larsen	Miguel	Clemson Univ.	Clemson	SC	USA		
Richmond	Arthur	Lee	Edmund	Columbia Univ.	New York	NY	USA	ESSL	HAO
Richmond	Arthur	Lin	Chien-Hung	National Space Organization			TWN	ESSL	HAO
Richmond	Arthur	Lummerzheim	Dirk	Univ. Alaska at Fairbanks	Fairbanks	AK	USA	ESSL	HAO
Richmond	Arthur	Maruyama	Naomi	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Richmond	Arthur	Millward	George	Univ. College London	London		GBR	ESSL	HAO
Richmond	Arthur	Pi	Xiaoqing	NASA Jet Propulsion Lab.	Pasadena	CA	USA	ESSL	HAO
Richmond	Arthur	Raeder	Joachim	Univ. New Hampshire	Durham	NH	USA	ESSL	HAO
Richmond	Arthur	Tobiska	W. Kent	Space Environment Technologies	Pacific Palisades	CA	USA	ESSL	HAO
Richmond	Arthur	Zhan	Tianyu	Clemson Univ.	Clemson	SC	USA	ESSL	HAO
Richter	Jadwiga	Alexander	Joan	North West Research Associates, Colorado Research Associates (CoRA) Division	Boulder	CO	USA	ESSL	CGD
Richter	Jadwiga	Alexander	Joan	NorthWest Research Associates / CoRA	Boulder	CO	USA	ESSL	TIIMES
Richter	Jadwiga	Bacmeister	Julio	NASA GSFC	Greenbelt	MD	USA	ESSL	CGD
Richter	Jadwiga	Bretherton	Chris	University of Washington	Seattle	WA	USA	ESSL	CGD
Richter	Jadwiga	Dornbrack	Andreas	Institut fur Physik der Atmosphere	Wessling		DEU	ESSL	TIIMES
Richter	Jadwiga	Doyle	James	Naval Research Lab	Monterey	CA	USA	ESSL	TIIMES
Richter	Jadwiga	Dunkerton	Timothy	Northwest Research Associates	Bellevue	WA	USA	ESSL	TIIMES
Richter	Jadwiga	Eckerman	Stephen	Naval Research Lab	Washington D.C.		USA	ESSL	TIIMES
Richter	Jadwiga	Eckerman	Steven	Naval Research Laboratory	Washington	DC	USA	ESSL	CGD

Richter	Jadwiga	Fritts	David	Colorado Research Associates	Boulder	CO	USA	ESSL	TIIMES
Richter	Jadwiga	Gage	Kenneth	National Oceanic & Atmospheric Administration - ESRL	Boulder	CO	USA	ESSL	TIIMES
Richter	Jadwiga	Gardner	Chester	University of Illinois	Urbana	IL	USA	ESSL	TIIMES
Richter	Jadwiga	Geller	Marvin	Stony Brook University	Stony Brook	NY	USA	ESSL	TIIMES
Richter	Jadwiga	Hamilton	Kevin	University of Hawaii	Honolulu	HI	USA	ESSL	TIIMES
Richter	Jadwiga	Lane	Todd	The University of Melbourne	Melbourne	VIC	AUS	ESSL	TIIMES
Richter	Jadwiga	Shepherd	Theodore	University of Toronto	Toronto	ON	CAN	ESSL	TIIMES
Richter	Jadwiga	Smith	Ronald	Yale University	New Haven	CT	USA	ESSL	TIIMES
Richter	Jadwiga	Vincent	Robert	University of Adelaide	Adelaide		AUS	ESSL	TIIMES
Richter	Jadwiga	Wu	Dong	NASA Jet Propulsion Lab	Pasadena	CA	USA	ESSL	TIIMES
Richter	Jadwiga	Zhang	Fuqing	Texas A&M University	College Station	TX	USA	ESSL	TIIMES
Rigler	E. Joshua	Baker	Daniel	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Rigler	E. Joshua	Vassiliadis	Dimitris	Sarissa Technologies	Rockville	MD	USA	ESSL	HAO
Rigler	E. Joshua	Weigel	Robert	George Mason Univ.	Fairfax	VA	USA	ESSL	HAO
Roble	Raymond	Birks	John	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Roble	Raymond	Bougher	Stephen	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Roble	Raymond	Crutzen	Paul	Max-Planck Inst.	Garching		DEU	ESSL	HAO
Roble	Raymond	Hays	Paul	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Roble	Raymond	Hecht	James	Aerospace Corporation	Los Angeles	CA	USA	ESSL	HAO
Roble	Raymond	Hernandez	Gonzalo	Univ. Washington	Seattle	WA	USA	ESSL	HAO
Roble	Raymond	Jackman	Charles	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	HAO
Roble	Raymond	Lummerzheim	Dirk	Univ. Alaska at Fairbanks	Fairbanks	AK	USA	ESSL	HAO
Roble	Raymond	Mendillo	Michael	Boston Univ.	Boston	MA	USA	ESSL	HAO
Roble	Raymond	Mylnczak	Marty	NASA Langley	Hampton	VA	USA	ESSL	HAO
Roble	Raymond	Rishbeth	Henry	Univ. Southampton	Southhampton		GBR	ESSL	HAO
Roble	Raymond	She	Chiao-Yao	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Roble	Raymond	Shepherd	Gordon	York Univ.	Toronto		CAN	ESSL	HAO
Roble	Raymond	Woods	Thomas	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Rotunno	Richard	Barcilon	Albert	Florida State University	Tallahassee	FL	USA	ESSL	MMM
Rotunno	Richard	Miglietta	Marcello	Consiglio Nazionale delle Ricerche	Lecce		ITA	ESSL	MMM
Rotunno	Richard	Zhang	Fuqing	Texas A & M University	College Stati on	TX	USA	ESSL	MMM
Sassi	Fabrizio	Butchart	Neal	The Met Office	Exeter		GBR	ESSL	CGD
Sassi	Fabrizio	Cionni	Irene	University of L'Aquila	L'Aquila		ITA	ESSL	CGD
Sassi	Fabrizio	Perlwitz	Judith	CIRES/CU	Boulder	CO	USA	ESSL	CGD
Sassi	Fabrizio	Pierazzo	Ellsabeth	Planetary Science Institute	Tucson	AZ	USA	ESSL	CGD
Sassi	Fabrizio	She	Chiao-Yao	CSU	Fort Collins	CO	USA	ESSL	CGD
Schauffler	Sue	Atlas	Elliot	University of Miami	Miami	FL	USA	ESSL	ACD
Schauffler	Sue	Kawa	Rnady	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Schauffler	Sue	Montzka	Stephen	NOAA ESRL Chemical Sciences Division	Boulder	CO	USA	ESSL	ACD

Schauffler	Sue	Nash	Eric	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Schauffler	Sue	Newman	P	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Schimmel	David	Anderson	Dean	USGS	Lakewood	CO	USA	ESSL	CGD
Schimmel	David	Archer	Steven	U of AZ	Tempe	AZ	USA	ESSL	CGD
Schimmel	David	Braswell	Bobby	U of NH		NH	USA	ESSL	CGD
Schimmel	David	Churkina	Galina	Max Planck Institute for Chemistry			DEU	ESSL	CGD
Schimmel	David	Gloor	Manuel	Max Planck Institute for Biogeochemistry			DEU	ESSL	CGD
Schimmel	David	Linder	Ernst	U of NH		NH	USA	ESSL	CGD
Schimmel	David	Ojima	Dennis	CSU	Ft. Collins	CO	USA	ESSL	CGD
Schimmel	David	Running	Steven	U of MT	Missoula	MT	USA	ESSL	CGD
Schimmel	David	Tans	Pleter	NOAA	Boulder	CO	USA	ESSL	CGD
Schimmel	David	Tittel	Frank	Rice University	Houston	TX	USA	ESSL	CGD
Schimmel	David	Vukicevic	Tomislava	CSU	Ft. Collins	CO	USA	ESSL	CGD
Schimmel	David	White	James	CU	Boulder	CO	USA	ESSL	CGD
Schimmel	David	Wofsy	Steven	Harvard	Cambridge	MA	USA	ESSL	CGD
Shetter	Richard	Anderson	B	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Atlas	Elliot	University of Miami	Miami	FL	USA	ESSL	ACD
Shetter	Richard	Avery	M	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Barrick	J	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Bertram	T	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Shetter	Richard	Blake	Donald	University of California, Irvine	Irvine	CA	USA	ESSL	ACD
Shetter	Richard	Browell	E	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Brune	W	Pennsylvania State University	University Park	PA	USA	ESSL	ACD
Shetter	Richard	Chen	G	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Clarke	Anthony	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Shetter	Richard	Cohen	Ron	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Shetter	Richard	Crawford	J	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Crounse	John	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Shetter	Richard	Dibb	J	University of New Hampshire	Durham	NH	USA	ESSL	ACD
Shetter	Richard	Fahey	D	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Shetter	Richard	Froidevaux	L	NASA Jet Propulsion Laboratory	Pasadena	CA	USA	ESSL	ACD
Shetter	Richard	Fuelberg	Henry	Florida State University	Tallahassee	FL	USA	ESSL	ACD
Shetter	Richard	Gore	W	NASA	San Francisco	CA	USA	ESSL	ACD

Shetter	Richard	Heikes	B	University of Rhode Island	Narragansett	RI	USA	ESSL	ACD
Shetter	Richard	Huey	Greg	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Shetter	Richard	Jacob	D	Harvard University	Cambridge	MA	USA	ESSL	ACD
Shetter	Richard	Jensen	E	NASA Ames Research Center	Moffett Field	CA	USA	ESSL	ACD
Shetter	Richard	Kindel	B	CU	Boulder	CO	USA	ESSL	ACD
Shetter	Richard	Kroon	M	Royal Netherlands Meteorological Institute (KNMI)			NLD	ESSL	ACD
Shetter	Richard	Kurylo	Michael	NASA	Washington	DC	USA	ESSL	ACD
Shetter	Richard	Kwan	Alan	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Shetter	Richard	Lefer	Barry	University of Houston	Houston	TX	USA	ESSL	ACD
Shetter	Richard	McCabe	David	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Shetter	Richard	McNaughton	C	University of Hawaii	Honolulu	HI	USA	ESSL	ACD
Shetter	Richard	McPeters	R	NASA Goddard Space Flight Center	Greenbelt		USA	ESSL	ACD
Shetter	Richard	Merrill	J	University of Rhode Island	Narragansett	RI	USA	ESSL	ACD
Shetter	Richard	Newman	P	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	ACD
Shetter	Richard	Perring	A	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Shetter	Richard	Petropavlovs kikh	Irina	CU/ NOAA	Boulder	CO	USA	ESSL	ACD
Shetter	Richard	Pilewski	Peter	CU	Boulder	CO	USA	ESSL	ACD
Shetter	Richard	Sachse	G	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Schauer	E	University of New Hampshire	Durham	NH	USA	ESSL	ACD
Shetter	Richard	Schoeberl	M	NASA Goddard Space Flight Center	Greenbelt		USA	ESSL	ACD
Shetter	Richard	Singh	HB	NASA Ames Research Center	Moffett Field	CA	USA	ESSL	ACD
Shetter	Richard	Slusser	James	Colorado State University	Fort Collins	CO	USA	ESSL	ACD
Shetter	Richard	Vay	S	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Shetter	Richard	Weber	Rodney	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Shetter	Richard	Wendisch	M	Leibniz Institute for Tropospheric Research	Leipzig		DEU	ESSL	ACD
Shetter	Richard	Wennberg	Paul	California Institute of Technology	Pasadena	CA	USA	ESSL	ACD
Shetter	Richard	Wooldridge	Paul	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Shields	Christine	Bender	Frida	Stockholm University	Stockholm		SWE	ESSL	CGD
Shields	Christine	Held	Isaac	GFDL	Princeton	NJ	USA	ESSL	CGD
Shields	Christine	Kump	Lee	Pennsylvania State University	State College	PA	USA	ESSL	CGD
Shields	Christine	Rees	Allister	University of Arizona	Tucson	AZ	USA	ESSL	CGD

Shields	Christine	Shell	Karen	Oregon State University	Corvallis	OR	USA	ESSL	CGD
Shields	Christine	Shellito	Cindy	University of Northern Colorado	Greeley	CO	USA	ESSL	CGD
Shields	Christine	Sloan	Lisa	U. California at Santa Barbara	Santa Cruz	CA	USA	ESSL	CGD
Shields	Christine	Soden	Brian	University of Miami	Miami	FL	USA	ESSL	CGD
Skamarock	Willaim	Dempsey	David	San Francisco State University	San Francisco	CA	USA	ESSL	MMM
Skamarock	Willaim	Steppeler	Juergen	Deutscher Wetterdienst	Offenbach (Main)		DEU	ESSL	MMM
Smith	Jim	Barsanti	Kelley	Oregon Health & Science University	Beaverton	OR	USA	ESSL	TIIMES
Smith	Jim	Chuang	P	University of California, Santa Cruz	Santa Cruz	CA	USA	ESSL	ACD
Smith	Jim	Collins	Don	Texas A&M University	College Station	TX	USA	ESSL	ACD
Smith	Anne	Collins	R	University of Alaska	Fairbanks	AK	USA	ESSL	ACD
Smith	Jim	Jimenez	Thomas	University of Colorado	Boulder	CO	USA	ESSL	ACD
Smith	Jim	Kulmala	M	University of Helsinki	Helsinki		FIN	ESSL	ACD
Smith	Jim	McMurry	Peter	University of Minnesota	Minneapolis	MN	USA	ESSL	ACD
Smith	Anne	MITchell	N	University of Bath	Bath		GBR	ESSL	ACD
Smith	Anne	Mlynczak	M	NASA Langley Research Center	Hampton	VA	USA	ESSL	ACD
Smith	Jim	Nenes	Athanasios	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Smith	Anne	Pancheva	D	University of Bath	Bath		GBR	ESSL	ACD
Smith	Jim	Pankow	J	Oregon Health and Science Univ.	Beaverton	OR	USA	ESSL	ACD
Smith	Anne	Russell	J	Hampton University	Hampton	VA	USA	ESSL	ACD
Smith	Anne	She	C	Colorado State University	Ft. Collins	CO	USA	ESSL	ACD
Smith	Anne	Xu	Jiyao	Chinese Academy of Science	Beijing		CHN	ESSL	ACD
Smolarkiewicz	Piotr	Barstad	Idar	University of Bergen	Bergen		NOR	ESSL	MMM
Smolarkiewicz	Piotr	Doernbrack	Andreas	Deutsches Zentrum fur Luft- und Raumfahrt	Wessling		DEU	ESSL	MMM
Smolarkiewicz	Piotr	Gadian	Alan	University of Leeds	Leeds		GBR	ESSL	MMM
Smolarkiewicz	Piotr	Hawkins	James	Planning Systems, Inc.	Slidell	LA	USA	ESSL	MMM
Smolarkiewicz	Piotr	Margolin	Len	Los Alamos National Laboratory	Los Alamos	NM	USA	ESSL	MMM
Smolarkiewicz	Piotr	Ortiz	Pablo	University of Granada	Granada		ESP	ESSL	MMM
Smolarkiewicz	Piotr	Piaczek	Steve	U.S. Navy	Stennis	MS	USA	ESSL	MMM
Smolarkiewicz	Piotr	Prusa	Joseph	Unaffiliated	Boca Raton	FL	USA	ESSL	MMM
Smolarkiewicz	Piotr	Pudykiewica	Janusz	RPN	Dorval		CAN	ESSL	MMM
Smolarkiewicz	Piotr	Sorbjan	Zbigniew	Marquette University	Milwaukee	WI	USA	ESSL	MMM
Smolarkiewicz	Piotr	Spichtinger	Peter	Deutsches Zentrum fur Luft- und Raumfahrt	Oberpfaffenh ofen	Wessling	DEU	ESSL	MMM
Smolarkiewicz	Piotr	Szmelter	Joanna	Cranfield University	Shrivenham	Swindon	GBR	ESSL	MMM
Smolarkiewicz	Piotr	Warn-Varnas	Alex	U.S. Navy	Stennis	MI	USA	ESSL	MMM
Snyder	Chris	Muraki	David	Simon Frasier University	Burnaby	British Colum bia	CAN	ESSL	MMM
Snyder	Chris	Rostkier-Edel stein	Dorita	Israel Institute for Biological Research	Ness-Ziona		ISR	ESSL	MMM

Snyder	Chris	Wang	Xuguang	University of Colorado	Boulder	CO	USA	ESSL	MMM
Solomon	Stanley	Bailey	Scot	Univ. Alaska	Fairbanks	AK	USA	ESSL	HAO
Solomon	Stanley	Baker	Daniel	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Chamberlain	Philip	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Codrescu	Mihail	NOAA Space Environment Center	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Doe	Rick	Southwest Research Inst.	San Antonio	TX	USA	ESSL	HAO
Solomon	Stanley	Eastes	Richard	Florida Space Inst.	Kennedy Space Center	FL	USA	ESSL	HAO
Solomon	Stanley	Eparvier	Francis	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Fang	Xiohua	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Solomon	Stanley	Franke	Steven	Univ. Illinois	Champaign-Urbana	IL	USA	ESSL	HAO
Solomon	Stanley	Fuller-Rowell	Timothy	NOAA Space Environment Center	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Gell	David	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Solomon	Stanley	Gladstone	G. Randall	Southwest Research Inst.	San Antonio	TX	USA	ESSL	HAO
Solomon	Stanley	Goodrich	Charles	Boston Univ.	Boston	MA	USA	ESSL	HAO
Solomon	Stanley	Hughes	W. Jeffrey	Boston Univ.	Boston	MA	USA	ESSL	HAO
Solomon	Stanley	Judge	Darrel	Univ. Southern California	Los Angeles	CA	USA	ESSL	HAO
Solomon	Stanley	Kane	Timothy	Pennsylvania State Univ.	State College	PA	USA	ESSL	HAO
Solomon	Stanley	Kozyra	Janet	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Solomon	Stanley	Lean	Judith	Naval Research Lab.	Washington	DC	USA	ESSL	HAO
Solomon	Stanley	Liemohn	Michael	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Solomon	Stanley	Linker	Jon	SAIC	La Jolla	CA	USA	ESSL	HAO
Solomon	Stanley	Luhmann	Janet	Univ. California at Berkeley	Berkeley	CA	USA	ESSL	HAO
Solomon	Stanley	Lyon	John	Dartmouth College	Hanover	NH	USA	ESSL	HAO
Solomon	Stanley	Marcos	Frank	Air Force Research Lab.	Hanscom Air Force Base	MA	USA	ESSL	HAO
Solomon	Stanley	Mariska	John	Naval Research Lab.	Washington	DC	USA	ESSL	HAO
Solomon	Stanley	Mikic	Zoran	SAIC	La Jolla	CA	USA	ESSL	HAO
Solomon	Stanley	Mitchell	Nicholas	Univ. Bath	Bath		GBR	ESSL	HAO
Solomon	Stanley	Niciejewski	Richard	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Solomon	Stanley	Odstrcil	Dusan	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Ortland	David	Northwest Research Associates CoRA	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Rodgers	Erica	Univ. Alaska	Fairbanks	AK	USA	ESSL	HAO
Solomon	Stanley	Rottman	Gary	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Schmidtke	Gerhard	Fraunhofer Inst.	Breisgau		DEU	ESSL	HAO
Solomon	Stanley	She	Chiao-Yao	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Solomon	Stanley	Siscoe	George	Boston Univ.	Boston	MA	USA	ESSL	HAO
Solomon	Stanley	Skinner	Wilbert	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Solomon	Stanley	Thayer	Jeffrey	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Tobiska	W. Kent	Space Environment Technologies	Los Angeles	CA	USA	ESSL	HAO
Solomon	Stanley	Viereck	Rodney	NOAA Space Environment Center	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Warren	Harry	Harvard-Smithsonian Center for Astrophysics	Cambridge	MA	USA	ESSL	HAO
Solomon	Stanley	Woodraska	Donald	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Woods	Thomas	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Solomon	Stanley	Younger	P.T.	Univ. Bath	Bath		GBR	ESSL	HAO

Stephens	Britton	Andrews	Arlyn	National Oceanic & Atmospheric Administration - GMD	Boulder	CO	USA	ESSL	TIIMES
Stephens	Britton	Bowling	Dave	University of Utah	Salt Lake City	UT	USA	ESSL	TIIMES
Stephens	Britton	Ciais	Philippe	Institut Pierre Simon LaPlace	Gif sur Yvette		FRA	ESSL	TIIMES
Stephens	Britton	Davis	Kenneth	Pennsylvania State University	University Park	PA	USA	ESSL	TIIMES
Stephens	Britton	Gerbig	Christoph	Max Planck Institute for Chemistry	Jena		DEU	ESSL	TIIMES
Stephens	Britton	Keeling	Ralph	Scripps Institution of Oceanography	La Jolla	CA	USA	ESSL	TIIMES
Stephens	Britton	Lin	John	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Stephens	Britton	Manning	Andrew	University of East Anglia	Norwich		GBR	ESSL	TIIMES
Stephens	Britton	Miller	John	National Oceanic & Atmospheric Administration - GMD	Boulder	CO	USA	ESSL	TIIMES
Stephens	Britton	Monson	Russ	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Stephens	Britton	Ojima	Dennis	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Stephens	Britton	Roy	Andrew	University of East Anglia	Norwich		GBR	ESSL	TIIMES
Stephens	Britton	Sweeney	Colm	National Oceanic & Atmospheric Administration - GMD	Boulder	CO	USA	ESSL	TIIMES
Stephens	Britton	Tans	Pieter	National Oceanic & Atmospheric Administration - GMD	Boulder	CO	USA	ESSL	TIIMES
Stephens	Britton	Wofsy	Steve	Harvard University	Cambridge	MA	USA	ESSL	TIIMES
Streander	Kim	Barthol	Peter	Max-Planck-Institut fuer Sonnensystemforschung	Lindau		DEU	ESSL	HAO
Streander	Kim	Eliason	Pat	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Streander	Kim	Hegwer	Steve	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Streander	Kim	Hoffman	Chris	Lockheed-Martin Missiles and Space	Palo Alto	CA	USA	ESSL	HAO
Streander	Kim	Hubbard	Rob	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Streander	Kim	Ichimoto	Kiyoshi	National Astronomical Observatory of Japan	Tokyo		JPN	ESSL	HAO
Streander	Kim	Jochum	Lotti	IAC	Tenerife		SPA	ESSL	HAO
Streander	Kim	Keil	Steve	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Streander	Kim	Kentischer	Thomas	Kiepenheuer-Institut fuer Sonnenphysik	Frieburg		DEU	ESSL	HAO
Streander	Kim	Meller	Reinhard	Max-Planck-Institut fuer Sonnensystemforschung	Lindau		DEU	ESSL	HAO
Streander	Kim	Pillet	Valentin	IAC	Tenerife		ESP	ESSL	HAO
Streander	Kim	Rimmele	Thomas	National Solar Observatory	Sunspot	NM	USA	ESSL	HAO
Streander	Kim	Schmidt	Wolfgang	Kiepenheuer-Institut fuer Sonnenphysik	Frieburg		DEU	ESSL	HAO
Streander	Kim	Solanki	Sami	Max-Planck-Institut fuer Sonnensystemforschung	Lindau		DEU	ESSL	HAO
Streander	Kim	Tarbell	Ted	Lockheed-Martin Missiles and Space	Palo Alto	CA	USA	ESSL	HAO
Streander	Kim	Title	Allen	Lockheed-Martin Missiles and Space	Palo Alto	CA	USA	ESSL	HAO

Streander	Kim	Tomasch	Georg	Max-Planck-Institut fuer Sonnensystemforschung	Lindau		DEU	ESSL	HAO
Streander	Kim	Tsuneta	Saku	National Astronomical Observatory of Japan	Tokyo		JPN	ESSL	HAO
Streander	Kim	Wagner	Jeremy	National Solar Observatory	Tucson	AZ	USA	ESSL	HAO
Sullivan	Peter	Ayotte	Keith	Windlab Systems	Canberra		AUS	ESSL	MMM
Sullivan	Peter	Belcher	Stephen	University of Reading	Reading	Berkshire	GBR	ESSL	MMM
Sullivan	Peter	Coceal	Omduth	University of Reading	Reading	Berkshire	GBR	ESSL	MMM
Sullivan	Peter	Fedorovich	Evgeni	University of Oklahoma	Norman	OK	USA	ESSL	MMM
Sullivan	Peter	Jonker	Harm	Delft University of Technology	CJ Delft		NLD	ESSL	MMM
Sullivan	Peter	Rutgersson	Anna	Uppsala University	Uppsala		SWE	ESSL	MMM
Sun	Jielun	Bach	Walter	U.S. Army	Research Tri angle Park	NC	USA	ESSL	MMM
Sun	Jielun	Balsley	Ben	University of Colorado - Boulder	Boulder	CO	USA	ESSL	MMM
Sun	Jielun	Banta	Robert	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	MMM
Sun	Jielun	Coulter	Richard	Argonne National Laboratory	Argonne	IL	USA	ESSL	MMM
Sun	Jenny	Fabry	Frederic	McGill University	Montreal	Quebec	CAN	ESSL	MMM
Sun	Jielun	Meillier	Yannick	University of Colorado - Boulder	Boulder	CO	USA	ESSL	MMM
Sun	Jielun	Nappo	Carmen	National Oceanic and Atmospheric Administration	Oak Ridge	TN	USA	ESSL	MMM
Sun	Jielun	Pichugina	Yelena	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	MMM
Sun	Jielun	Svensson	Gunilla	National Oceanic and Atmospheric Administration			SWE	ESSL	MMM
Sun	Jielun	Tjernstrom	Michael	National Oceanic and Atmospheric Administration			SWE	ESSL	MMM
Tomas	Robert	Alexander	Michael	NOAA-CIRES CDC	Boulder	CO	USA	ESSL	CGD
Tomas	Robert	Bhatt	Uma	University of Alaska	Fairbanks	AK	USA	ESSL	CGD
Tomas	Robert	Rueda	Victor Magana	Centro de Ciencias de la Atmosfera, Unviersidad Nacional Autonoma de Mexice	Mexico City		MEX	ESSL	CGD
Tomczyk	Steven	Lin	Haosheng	University of Hawaii	Honolulu	HI	USA	ESSL	HAO
Tomczyk	Steven	Scherrer	Phil	Stanford University	Palo Alto	CA	USA	ESSL	HAO
Trenberth	Kevin	Adam	Jennifer C.	University of Washington	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Adler	Robert	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	CGD
Trenberth	Kevin	Alexander	Lisa	U. K. Met Office, Hadley Centre	Exeter		GBR	ESSL	CGD
Trenberth	Kevin	Alexandersson	Hans	Swedish Meteorological and Hydrological Institute (SMHI)	Norrköping		SWE	ESSL	CGD

Trenberth	Kevin	Allan	Robert P.	University of Reading	Reading		GBR	ESSL	CGD
Trenberth	Kevin	Ambenje	Peter	Kenya Meteorological Department	Nairobi		KEN	ESSL	CGD
Trenberth	Kevin	Baldwin	Mark P.	Northwest Research Associates	Bellevue	WA	USA	ESSL	CGD
Trenberth	Kevin	Beniston	Martin	University of Fribourg	Fribourg		CHE	ESSL	CGD
Trenberth	Kevin	Bin	Wang	Department of Meteorology and IPRC, University of Hawaii	Honolulu	HI	USA	ESSL	CGD
Trenberth	Kevin	Bojariu	Roxana	National Institute of Meteorology and Hydrology (INMH)	Bucharest		ROU	ESSL	CGD
Trenberth	Kevin	Bromwich	David H.	Ohio State University	Columbus	OH	USA	ESSL	CGD
Trenberth	Kevin	Camillioni	Ines	Universidad de Buenos Aires and Centro de Investigaciones del Mar y la Atmósfera (CIMA/CONICET-UBA)	Buenos Aires		ARG	ESSL	CGD
Trenberth	Kevin	Cassou	Christophe	European Center for Research and Advanced Training in Scientific Computation-Centre National de la Recherche Scientifique (CERFACS-CNRS)	Toulouse		FRA	ESSL	CGD
Trenberth	Kevin	Cayan	Daniel R.	University of California	San Diego	CA	USA	ESSL	CGD
Trenberth	Kevin	Chang	Edmund K. M.	Stony Brook University	Stony Brook,	NY	USA	ESSL	CGD
Trenberth	Kevin	Christy	John R.	University of Alabama	Huntsville	AL	USA	ESSL	CGD
Trenberth	Kevin	Corell	Robert	Harvard University, American Meteorological Society	Grasonville	MD	USA	ESSL	CGD
Trenberth	Kevin	Dotzek	Nikolai	DLR-Institut Physik der Atmosphäre	Oberpfaffenhofen		DEU	ESSL	CGD
Trenberth	Kevin	Easterling	David	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Fogt	Ryan L.	Ohio State University	Columbus	OH	USA	ESSL	CGD
Trenberth	Kevin	Folland	Christopher K.	U. K. Met Office, Hadley Centre	Exeter		GBR	ESSL	CGD
Trenberth	Kevin	Forster	Piers	University of Reading	Reading		GBR	ESSL	CGD
Trenberth	Kevin	Free	Melissa	NOAA Air Resources Laboratory	Silver Spring	MD	USA	ESSL	CGD
Trenberth	Kevin	Frei	Christoph	Federal Office of Meteorology and Climatology (MeteoSwiss)	Zurich		CHE	ESSL	CGD
Trenberth	Kevin	Gleason	Byron	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Grieser	Jürgen	German Meteorological Service	Offenbach		DEU	ESSL	CGD
Trenberth	Kevin	Groisman	Pavel Y.	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Gulev	Sergey K.	P.P. Shirshov Institute of Oceanology	Moscow		RUS	ESSL	CGD
Trenberth	Kevin	Ishii	M.	Japan Meteorological Agency	Tokyo		JPN	ESSL	CGD
Trenberth	Kevin	Jones	Phil D.	University of East Anglia Climatic	Norwich		GBR	ESSL	CGD

				Research Unit					
Trenberth	Kevin	Josey	Simon A.	National Oceanography Centre	Southampton		GBR	ESSL	CGD
Trenberth	Kevin	Källberg	Per W.	Swedish Meteorological and Hydrological Institute (SMHI)		Norrkoping	SWE	ESSL	CGD
Trenberth	Kevin	Karl	Thomas	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Kennedy	John R.	U. K. Met Office, Hadley Centre	Exeter		GBR	ESSL	CGD
Trenberth	Kevin	Kiladis	George N.	NOAA Earth System Research Laboratory	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	Kripalani	Ramesh H.	Indian Institute of Tropical Meteorology	Pune		IND	ESSL	CGD
Trenberth	Kevin	Kunkel	Kenneth E.	Illinois State Water Survey	Champaign	IL	USA	ESSL	CGD
Trenberth	Kevin	Lam	Chiu Ying	Hong Kong Observatory	Hong Kong		CHN	ESSL	CGD
Trenberth	Kevin	Lanzante	John R.	NOAA Geophysical Fluid Dynamics Laboratory	Princeton	NJ	USA	ESSL	CGD
Trenberth	Kevin	Lawrimore	Jay H.	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Lettenmaier	Dennis P.	University of Washington	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Levinson	David H.	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Liepert	Beate G.	Lamont-Doherty Earth Observatory Columbia University	Palisades	NY	USA	ESSL	CGD
Trenberth	Kevin	MacCracken	Michael C.	Climate Institute	Washington	DC	USA	ESSL	CGD
Trenberth	Kevin	Manning	Martin	National Institute of Water and Atmospheric Research (NIWA)	Wellington		NZL	ESSL	CGD
Trenberth	Kevin	Marshall	Gareth J.	Natural Environment Research Council British Antarctic Survey	Cambridge		GBR	ESSL	CGD
Trenberth	Kevin	Mears	Carl A.	Remote Sensing Systems	Santa Rosa	CA	USA	ESSL	CGD
Trenberth	Kevin	Moore	Berrien	University of New Hampshire	Durham	NH	USA	ESSL	CGD
Trenberth	Kevin	Mote	Philip W.	University of Washington JISAO/SMA	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Nakamura	Hisashi	University of Tokyo	Tokyo		JPN	ESSL	CGD
Trenberth	Kevin	Nicholls	Neville	Monash University	Melbourne		AUS	ESSL	CGD
Trenberth	Kevin	Nobre	Carlos	Instituto Nacional de Pesquisas Espaciais (INPE)	San Jose dos Campos		BRA	ESSL	CGD
Trenberth	Kevin	Norris	Joel R.	Scripps Institution of Oceanography University of California	San Diego	CA	USA	ESSL	CGD
Trenberth	Kevin	Oki	Taikan	The University of Tokyo Institute of Industrial Science	Tokyo		JPN	ESSL	CGD
Trenberth	Kevin	Parker	David	U. K. Met Office, Hadley Centre	Exeter		GBR	ESSL	CGD
				Islamic Republic of Iran					

Trenberth	Kevin	Rahimzadeh	Fatemeh	Meteorological Organization (IRIMO)	Tehran		IRN	ESSL	CGD
Trenberth	Kevin	Renwick	Jim	National Institute of Water and Atmospheric Research (NIWA)	Wellington		NZL	ESSL	CGD
Trenberth	Kevin	Robertson	Franklin R.	NASA/Marshall Space Flight Center (MSFC)	Huntsville	AL	USA	ESSL	CGD
Trenberth	Kevin	Rosenlof	Karen H.	NOAA ESRL Chemical Sciences Division	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	Rusticucci	Matilde M.	Universidad de Buenos Aires	Buenos Aires		ARG	ESSL	CGD
Trenberth	Kevin	Semazzi	Fred H.	North Carolina State University	Raleigh	NC	USA	ESSL	CGD
Trenberth	Kevin	Shepherd	J. Marshall	University of Georgia	Athens	GA	USA	ESSL	CGD
Trenberth	Kevin	Shepherd	Theodore G.	University of Toronto	Toronto		CAN	ESSL	CGD
Trenberth	Kevin	Sherwood	Steven C.	Yale University	New Haven	CT	USA	ESSL	CGD
Trenberth	Kevin	Siegmund	Peter C.	Royal Netherlands Meteorological Institute (KNMI)	De Bilt		NLD	ESSL	CGD
Trenberth	Kevin	Simmonds	Ian	The University of Melbourne	Melbourne	Victoria	AUS	ESSL	CGD
Trenberth	Kevin	Simmons	Adrian J.	European Centre for Medium-Range Weather Forecasts	Reading		GBR	ESSL	CGD
Trenberth	Kevin	Soden	Brian J.	University of Miami	Miami	FL	USA	ESSL	CGD
Trenberth	Kevin	Solomon	Susan	NOAA Office of Oceanic and Atmospheric Research (OAR)	Boulder	CO	USA	ESSL	CGD
Trenberth	Kevin	Su	F.	University of Washington	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Sun	Bomin	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Tank	Albert Klein	Royal Netherlands Meteorological Institute (KNMI)	De Bilt		NLD	ESSL	CGD
Trenberth	Kevin	Thorncroft	Chris D.	State University of New York	Albany	NY	USA	ESSL	CGD
Trenberth	Kevin	Thorne	Peter W.	U. K. Met Office, Hadley Centre	Exeter		GBR	ESSL	CGD
Trenberth	Kevin	Uppala	Sakari M.	European Centre for Medium-Range Weather Forecasts	Reading		GBR	ESSL	CGD
Trenberth	Kevin	Vose	Russell S.	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Trenberth	Kevin	Warren	Steve G.	University of Washington	Seattle	WA	USA	ESSL	CGD
Trenberth	Kevin	Washington	Richard	University of Oxford	Oxford		GBR	ESSL	CGD
Trenberth	Kevin	Wheeler	Matthew C.	Bureau of Meteorology Research Centre	Melbourne	Victoria	AUS	ESSL	CGD
Trenberth	Kevin	Wielicki	Bruce A.	NASA Langley Research Center	Hampton	VA	USA	ESSL	CGD
Trenberth	Kevin	Wong	Takmeng	NASA Langley Research Center	VA Hampton	VA	USA	ESSL	CGD
Trenberth	Kevin	Wuertz	David B.	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD

Trenberth	Kevin	Zhai	Panmao	China Meteorological Administration	Beijing		CHN	ESSL	CGD
Trenberth	Kevin	Renwick	Jim	National Institute of Water and Atmospheric Research (NIWA)	Wellington		NZL	ESSL	CGD
Tribbia	Joseph	Baer	Ferd	University of Maryland	College Park	MA	USA	ESSL	CGD
Tribbia	Joe	Bretherton	Chris	University of Washington	Seattle	WA	US	ESSL	TIIMES
Tribbia	Joe	Brunet	Gilbert	Environment Canada	Dorval	QC	CA	ESSL	TIIMES
Tribbia	Joe	Donner	Leo J	National Oceanic & Atmospheric Administration - GFDL, Princeton University	Princeton	NJ	US	ESSL	TIIMES
Tribbia	Joseph	Grotjahn	Richard	University of California	Davis	CA	USA	ESSL	CGD
Tribbia	Joe	Hansen	James A.	Massachusetts Institute of Technology	Cambridge	MA	USA	ESSL	TIIMES
Tribbia	Joe	Hartmann	Dennis L.	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Tribbia	Joe	Houze	Robert	University of Washington	Seattle	WA	USA	ESSL	TIIMES
Tribbia	Joe	Johnson	Richard	Colorado State University	Fort Collins	CO	USA	ESSL	TIIMES
Tribbia	Joe	Kiladis	George	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Tribbia	Joe	Lau	William K. -M.	NASA Goddard Space Flight Center	Greenbelt	MD	USA	ESSL	TIIMES
Tribbia	Joe	Majda	Andrew	NYU – Courant Institute of Mathematical Sciences	New York	NY	USA	ESSL	TIIMES
Tribbia	Joe	Maloney	Eric	Oregon State University	Corvallis	OR	USA	ESSL	TIIMES
Tribbia	Joe	Mapes	Brian	University of Miami	Miami	FL	USA	ESSL	TIIMES
Tribbia	Joe	Mullen	Steve	University of Arizona	Tucson	AZ	USA	ESSL	TIIMES
Tribbia	Joseph	Mullen	Steve	University of Arizona	Tucson	AZ	USA	ESSL	CGD
Tribbia	Joseph	Navarra	Antonio	INGV	Bologna		ITA	ESSL	CGD
Tribbia	Joe	Schumacher	Courtney	Texas A&M University	College Station	TX	USA	ESSL	TIIMES
Tribbia	Joe	Stephens	Pam	NSF – GEO - ATM	Arlington	VA	USA	ESSL	TIIMES
Tribbia	Joe	Szunyogh	Istvan	University of Maryland	College Park	MD	USA	ESSL	TIIMES
Tribbia	Joseph	Temam	Roger	Indiana University	Bloomington	IN	USA	ESSL	CGD
Tribbia	Joe	Tulich	Stefan	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Tribbia	Joe	Tung	Wen-wen	Purdue University	West Lafayette	IN	USA	ESSL	TIIMES
Tribbia	Joe	Waliser	Duane	NASA Jet Propulsion Lab - Caltech	Pasadena	CA	USA	ESSL	TIIMES
Tribbia	Joe	Webster	Peter	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Tribbia	Joe	Zhang	Chidong	University of Miami, RSMAS	Miami	FL	USA	ESSL	TIIMES
Turnipseed	Andrew	Anderson	Dean	US Geological Survey	Lakewood	CO	USA	ESSL	ACD/TIIMES
Turnipseed	Andrew	Bauer	Stefan	Leibniz-Institute for Tropospheric Research	Leibniz		Germany	ESSL	ACD
Turnipseed	Andrew	Bauer	Stefan	Leibniz-Institute for Tropospheric Research	Leibniz		DEU	ESSL	TIIMES
Turnipseed	Andrew	Blanken	Peter	University of Coloardo	Boulder	CO	USA	ESSL	ACD
Turnipseed	Andrew	Blanken	Peter	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Turnipseed	Andrew	Burns	Sean	University of Coloardo	Boulder	CO	USA	ESSL	ACD

Turnipseed	Andrew	Burns	Sean	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Turnipseed	Andrew	Cohen	Ron	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Turnipseed	Andrew	Cohen	Ron	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Turnipseed	Andrew	Coyle	Mhairi	Centre for Ecology and Hydrology	Edinburgh		GBR	ESSL	ACD
Turnipseed	Andrew	Coyle	Mhairi	Centre for Ecology and Hydrology	Edinburgh		GBR	ESSL	TIIMES
Turnipseed	Andrew	de Gouw	Joost	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Turnipseed	Andrew	DeGoow	Joost	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Turnipseed	Andrew	Farmer	Delphine	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD
Turnipseed	Andrew	Farmer	Delphine	University of California, Berkeley	Berkeley	CA	USA	ESSL	TIIMES
Turnipseed	Andrew	Gardenia	Beatrice	El Centro Nacional de Investigación y Capacitación Ambiental (CENICA)	Mexico City		MEX	ESSL	ACD
Turnipseed	Andrew	Gardenia	Beatrice	El Centro Nacional de Investigación y Capacitación Ambiental (CENICA)	Mexico City		MEX	ESSL	TIIMES
Turnipseed	Andrew	Garrity	Steve	University of Idaho	Moscow	ID	USA	ESSL	ACD
Turnipseed	Andrew	Garrity	Steve	University of Idaho	Moscow	ID	USA	ESSL	TIIMES
Turnipseed	Andrew	Huey	Greg	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	ACD
Turnipseed	Andrew	Huey	Greg	Georgia Institute of Technology	Atlanta	GA	USA	ESSL	TIIMES
Turnipseed	Andrew	Kuster	William	National Oceanic and Atmospheric Administration	Boulder	CO	USA	ESSL	ACD
Turnipseed	Andrew	Kuster	William	National Oceanic & Atmospheric Administration	Boulder	CO	USA	ESSL	TIIMES
Turnipseed	Andrew	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	ACD
Turnipseed	Andrew	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	TIIMES
Turnipseed	Andrew	Molotch	Noah	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	ACD
Turnipseed	Andrew	Molotch	Noah	University of California, Los Angeles	Los Angeles	CA	USA	ESSL	TIIMES
Turnipseed	Andrew	Monson	Russell	University of Coloardo	Boulder	CO	USA	ESSL	ACD
Turnipseed	Andrew	Monson	Russell	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Turnipseed	Andrew	Nemitz	Eiko	Centre for Ecology and Hydrology	Edinburgh		GBR	ESSL	ACD
Turnipseed	Andrew	Nemitz	Eiko	Centre for Ecology and Hydrology	Edinburgh		GBR	ESSL	TIIMES
Turnipseed	Andrew	Pean	Jeremie	University Paul Sabatier	Toulouse		FRA	ESSL	TIIMES
Turnipseed	Andrew	Pressley	Shelley	Washington State University	Pullman	WA	USA	ESSL	ACD/TIIMES
Turnipseed	Andrew	Shepson	Paul	Purdue Univ.	West Lafayette	IN	USA	ESSL	ACD/TIIMES
Turnipseed	Andrew	Sparks	Jed	Cornell University	Ithaca	NY	USA	ESSL	ACD/TIIMES
Turnipseed	Andrew	Vierling	Lee	University of Idaho	Moscow	ID	USA	ESSL	ACD/TIIMES

Turnipseed	Andrew	Walker	John	Environmental Protection Agency	Raleigh	NC	USA	ESSL	ACD/TIIMES
Turnipseed	Andrew	Wehner	Birgit	Leibniz-Institute for Tropospheric Research	Leibniz		Germany	ESSL	ACD/TIIMES
Turnipseed	Andrew	Williams	Mark	University of Coloardo	Boulder	CO	USA	ESSL	ACD/TIIMES
Turnipseed	Andrew	Woodbridge	Paul	University of California, Berkeley	Berkeley	CA	USA	ESSL	ACD/TIIMES
Turnipseed	Andrew	Yi	Chuixiang	University of Coloardo	Boulder	CO	USA	ESSL	ACD/TIIMES
Tyndall	Geoff	Calvert	Jack	Oak Ridge National Laboratory	Oak Ridge	TN	USA	ESSL	ACD
Tyndall	Geoff	Derwent	R	RD Associates	Bracknell		GBR	ESSL	ACD
Tyndall	Geoff	Hasson	Alam	California State University - Fresno	Fresno	CA	USA	ESSL	ACD
Tyndall	Geoff	Wallington	TJ	Ford Motor Company	Dearborn	MI	USA	ESSL	ACD
Wang	Junhong	Avallone	Linnea	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Wang	Wenbin	Azeem	Irfan	Embry-Riddle Aeronautical Univ.	Daytona Beach	FL	USA	ESSL	HAO
Wang	Wenbin	Crowley	Geoffrey	ASTRA	San Antonio	TX	USA	ESSL	HAO
Wang	Wenbin	Eastes	Richard	Florida Space Inst.	Kennedy Space Center	FL	USA	ESSL	HAO
Wang	Wei	Kang	Songlak	Pennsylvania State University	University Pa rk	PA	USA	ESSL	MMM
Wang	Junhong	Liang	Xing-Zhong	Illinois State Water Survey	Champaing	IL	USA	ESSL	TIIMES
Wang	Junhong	Liu	Siming	Chinese Academy of Sciences	Beijing		CAN	ESSL	TIIMES
Wang	Wenbin	Lopez	Ramon	Florida Inst. Technology	Melbourne	FL	USA	ESSL	HAO
Wang	Wenbin	Lotko	William	Dartmouth College	Hanover	NH	USA	ESSL	HAO
Wang	Wenbin	Lu	Jianyong	Univ. Alberta	Edmonton		CAN	ESSL	HAO
Wang	Wenbin	Lyon	John	Dartmouth College	Hanover	NH	USA	ESSL	HAO
Wang	Wenbin	Milikh	Gennady	Univ. Maryland	College Park	MD	USA	ESSL	HAO
Wang	Wenbin	Paxton	Larry	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Wang	Wei	Small	Eric	University of Colorado	Boulder	CO	USA	ESSL	MMM
Wang	Wenbin	Sotirelis	Tom	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Wang	Wenbin	Talaat	Elsayed	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Wang	Wei	Tucker	Donna	University of Kansas	Lawrence	KS	USA	ESSL	MMM
Wang	Junhong	Van Baelen	Joel	Laboratoire de Meteorologie Physique	Clermont-Ferrand		FRA	ESSL	TIIMES
Wang	Wenbin	Xu	Jiyao	Chinese Academy of Sciences	Beijing		CHN	ESSL	HAO
Wang	Wenbin	Yee	Sam	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Wang	Wenbin	Zhang	Shunrong	Massachusetts Inst. Technology	Millstone Hill	MA	USA	ESSL	HAO
Wang	Wenbin	Zhang	Xiaoxin	Auburn Univ.	Auburn	AL	USA	ESSL	HAO
Wang	Wenbin	Zhang	Yongliang	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Wang	Junhong	Zuidema	Paquita	University of Miami	Miami	FL	USA	ESSL	TIIMES
Wang	Junhong	Zuidema	Paquita	University of Miami	Miami	FL	USA	ESSL	TIIMES
Washington	Warren	Bader	David	LLNL	Livermore	CA	USA	ESSL	CGD
Washington	Warren	Bamzai	Anjuli	U. S. Dept of Energy	Germantown	MD	USA	ESSL	CGD
Washington	Warren	Barnett	Tim	Scripps	La Jolla	CA	USA	ESSL	CGD
Washington	Warren	Drake	John	LANL	Los Alamos	NM	USA	ESSL	CGD
Washington	Warren	Jones	Phil	LANL	Los Alamos	NM	USA	ESSL	CGD

Washington	Warren	Kutscher	Chuck	NREL	Golden	CO	USA	ESSL	CGD
Washington	Warren	Kutzbach	John	University of Wisconsin	Madison	WI	USA	ESSL	CGD
Washington	Warren	Parkinson	Claire	NASA Goddard	Greenbelt	MD	USA	ESSL	CGD
Washington	Warren	Santer	Benjamin	LLNL	Livermore	CA	USA	ESSL	CGD
Weisman	Morris	Bluestein	Howard	University of Oklahoma	Norman	OK	USA	ESSL	MMM
Wiedinmyer	Christine	Allen	Dave	University of Texas at Austin	Austin	TX	USA	ESSL	ACD/TIIMES
Wiedinmyer	Christine	Andreae	Meinrat	Max Planck Institute for Chemistry	Mainz		DEU	ESSL	TIIMES
Wiedinmyer	Christine	Avallone	Linnea	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Wiedinmyer	Christine	Byun	Daewon	University of Houston	Houston	TX	USA	ESSL	ACD
Wiedinmyer	Christine	Byun	Daewon	University of Houston	Houston	TX	USA	ESSL	TIIMES
Wiedinmyer	Christine	Chen	Jack	Washington State University	Pullman	WA	USA	ESSL	ACD
Wiedinmyer	Christine	Chen	Jack	Washington State University	Pullman	WA	USA	ESSL	TIIMES
Wiedinmyer	Christine	Chung	Serena	NOAA/CU CIRES	Boulder	CO	USA	ESSL	ACD
Wiedinmyer	Christine	Chung	Serena	National Oceanic & Atmospheric Administration & University of Colorado, CIRES	Boulder	CO	USA	ESSL	TIIMES
Wiedinmyer	Christine	Fast	Jerome	DOE/Pacific Northwest National Laboratory	Richland	WA	USA	ESSL	ACD
Wiedinmyer	Christine	Fast	Jerome	PNNL	Richland	WA	USA	ESSL	TIIMES
Wiedinmyer	Christine	Geron	Chris	Environmental Protection Agency	Research Triangle Park	NC	USA	ESSL	ACD
Wiedinmyer	Christine	Geron	Chris	US Environmental Protection Agency	Research Triangle Park	NC	USA	ESSL	TIIMES
Wiedinmyer	Christine	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	ACD
Wiedinmyer	Christine	Lamb	Brian	Washington State University	Pullman	WA	USA	ESSL	TIIMES
Wiedinmyer	Christine	McDonald-Buller	Elena	University of Texas at Austin	Austin	TX	USA	ESSL	ACD
Wiedinmyer	Christine	McDonald-Buller	Elena	University of Texas at Austin	Austin	TX	USA	ESSL	TIIMES
Wiedinmyer	Christine	McKenzie	Don	USFS Pacific Wildland Fire Sciences Lab	Seattle	WA	USA	ESSL	ACD
Wiedinmyer	Christine	McKenzie	Don	USFS Pacific Wildland Fire Sciences Lab	Seattle	WA	USA	ESSL	TIIMES
Wiedinmyer	Christine	Milford	Jana	University of Colorado	Boulder	CO	USA	ESSL	ACD
Wiedinmyer	Christine	Milford	Jana	University of Colorado	Boulder	CO	USA	ESSL	TIIMES
Wiedinmyer	Christine	O'Neill	Susan	USDA Natural Resource Conservation Service	Portland	OR	USA	ESSL	ACD
Wiedinmyer	Christine	O'Neill	Susan	USDA Natural Resource Conservation Service	Portland	OR	USA	ESSL	TIIMES
Wiedinmyer	Christine	Palmer	Paul	University of Leeds	Leeds		GBR	ESSL	ACD
Wiedinmyer	Christine	Palmer	Paul	University of Leeds	Leeds		GBR	ESSL	TIIMES
Wiedinmyer	Christine	Quayle	Brad	USFS Remote Sensing Applications Center	Salt Lake City	UT	USA	ESSL	ACD
Wiedinmyer	Christine	Quayle	Brad	USFS Remote Sensing Applications Center	Salt Lake City	UT	USA	ESSL	TIIMES
Wiedinmyer	Christine	Schmidt	Chris	University of Wisconsin	Madison	WI	USA	ESSL	ACD
Wiedinmyer	Christine	Schmidt	Chris	University of Wisconsin	Madison	WI	USA	ESSL	TIIMES

Wiedinmyer	Christine	Theobald	Dave	Colorado State University	Ft. Collins	CO	USA	ESSL	ACD
Wiedinmyer	Christine	Theobald	Dave	Colorado State University	Ft. Collins	CO	USA	ESSL	TIIMES
Wiedinmyer	Christine	Urbanski	Shawn	USFS Missoula Fire Lab	Missoula	MT	USA	ESSL	ACD
Wiedinmyer	Christine	Urbanski	Shawn	USFS Missoula Fire Lab	Missoula	MT	USA	ESSL	TIIMES
Wiedinmyer	Christine	Zhang	Xiaoyang	NOAA/NESDIS	Silver Springs	MD	USA	ESSL	ACD
Wiedinmyer	Christine	Zhang	Xiaoyang	National Oceanic & Atmospheric Administration, NESDIS	Silver Springs	MD	USA	ESSL	TIIMES
Wigley	Tom	AchutaRao	Krishna	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD
Wigley	Tom	Barnett	Tim	Scripps Institution of Oceanography University of California	La Jolla	CA	USA	ESSL	CGD
Wigley	Tom	Bonfils	Celine	University of California	Merced	CA	USA	ESSL	CGD
Wigley	Tom	Boyle	Tim	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD
Wigley	Tom	Bruggeman	Wolfgang	University of Hamburg	Hamburg		DEU	ESSL	CGD
Wigley	Tom	Caldeira	Ken	Carnegie Institution	Stanford	CA	USA	ESSL	CGD
Wigley	Tom	Christy	John	University of Alabama	Huntsville	AL	USA	ESSL	CGD
Wigley	Tom	Cramer	Wolfgang	Potsdam Institute for Climate Impact Research (PIK)	Potsdam		DEU	ESSL	CGD
Wigley	Tom	den Elzen	Michel	Netherlands Environmental Assessment Agency (MNP)	Bilthoven		NLD	ESSL	CGD
Wigley	Tom	Duffy	Phil	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD
Wigley	Tom	Edmonds	Jae	Joint Global Change Research Institute (JGCRI)	College Park	MD	USA	ESSL	CGD
Wigley	Tom	Fiorino	Mike	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD
Wigley	Tom	Folland	Chris	U. K. Met Office, Hadley Centre	Exeter		GBR	ESSL	CGD
Wigley	Tom	Foukal	Peter	Heliophysics, Inc.	Nahant	MA	USA	ESSL	CGD
Wigley	Tom	Frohlich	Claus	World Radiation Center	Davos		CHE	ESSL	CGD
Wigley	Tom	Gillett	Nathan	University of East Anglia	Norwich		GBR	ESSL	CGD
Wigley	Tom	Gleckler	Peter	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD
Wigley	Tom	Green	Chris	McGill University	Montreal	QC	CAN	ESSL	CGD
Wigley	Tom	Gregory	Jonathan	University of Reading	Reading		GBR	ESSL	CGD
Wigley	Tom	Hansen	Jim	NASA Goddard Institute for Space Studies	New York	NY	USA	ESSL	CGD
Wigley	Tom	Hare	Bill	Potsdam Institute for Climate	Potsdam		DEU	ESSL	CGD

				Impact Research (PIK)					
Wigley	Tom	Hassol	Susan	STG, Inc.	Reston	VA	USA	ESSL	CGD
Wigley	Tom	Hoffert	Marty	New York University	New York	NY	USA	ESSL	CGD
Wigley	Tom	Jones	Phil	University of East Anglia	Norwich		GBR	ESSL	CGD
Wigley	Tom	Karl	Tom	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Wigley	Tom	Klein	Steve	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD
Wigley	Tom	Lanzante	John	NOAA Geophysical Fluid Dynamics Laboratory	Princeton	NJ	USA	ESSL	CGD
Wigley	Tom	Mears	Carl	RSS	Santa Rosa	CA	USA	ESSL	CGD
Wigley	Tom	Meinshausen	Malte	Potsdam Institute for Climate Impact Research (PIK)	Potsdam		DEU	ESSL	CGD
Wigley	Tom	Nakicenovic	Nebojsa	International Institute for Applied Systems Analysis (IIASA)	Laxenburg		AUT	ESSL	CGD
Wigley	Tom	Pant	Hom	Australian Bureau of Agricultural and Resource Economics (ABARE)	Canberra	ACT	AUS	ESSL	CGD
Wigley	Tom	Penner	Joyce	University of Michigan	Ann Arbor	MI	USA	ESSL	CGD
Wigley	Tom	Pierce	David	Scripps Institution of Oceanography University of California	La Jolla	CA	USA	ESSL	CGD
Wigley	Tom	Pignotti	Angela	University of California	Santa Cruz	CA	USA	ESSL	CGD
Wigley	Tom	Ramaswamy	V	NOAA Geophysical Fluid Dynamics Laboratory	Princeton	NJ	USA	ESSL	CGD
Wigley	Tom	Raper	Sarah	Manchester Metropolitan University	Manchester		GBR	ESSL	CGD
Wigley	Tom	Reynolds	Richard	NOAA/NESDIS National Climatic Data Center	Asheville	NC	USA	ESSL	CGD
Wigley	Tom	Richels	Richard	Electric Power Research Institute (EPRI)	Washington	DC	USA	ESSL	CGD
Wigley	Tom	Santer	Ben	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD
Wigley	Tom	Schellnhuber	John	Potsdam Institute for Climate Impact Research (PIK)	Potsdam		DEU	ESSL	CGD
Wigley	Tom	Smith	Steve	Joint Global Change Research Institute (JGCRI)	College Park	MD	USA	ESSL	CGD
Wigley	Tom	Spruit	Henk	MPI for Astrophysics	Garching		DEU	ESSL	CGD
Wigley	Tom	Swart	Rob	Netherlands Environmental Assessment Agency (MNP)	Bilthoven		NLD	ESSL	CGD
Wigley	Tom	Taylor	Karl	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	USA	ESSL	CGD

Wigley	Tom	Thorne	Peter	U. K. Met Office, Hadley Centre	Exeter		GBR	ESSL	CGD
Wigley	Tom	van Vuuren	Detlef	Netherlands Environmental Assessment Agency (MNP)	Bilthoven		NLD	ESSL	CGD
Wigley	Tom	Wehner	Mike	Lawrence Berkeley National Laboratory (LBNL)	Berkeley	CA	USA	ESSL	CGD
Wigley	Tom	Yohe	Gary	Wesleyan University	Middletown	CT	USA	ESSL	CGD
Williamson	David	Blackburn	Mike	University of Reading	Reading		GBR	ESSL	CGD
Williamson	David	Boyle	Jim	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Williamson	David	Hnilo	Jay	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Williamson	David	Hoskins	Brian	University of Reading	Reading		GBR	ESSL	CGD
Williamson	David	Jablonsowski	Christiane	University of Michigan	Ann Arbor	MI	USA	ESSL	CGD
Williamson	David	Klein	Steve	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Williamson	David	Miller	Martin	European Center for Medium-Range Weather Forecasts	Reading		GBR	ESSL	CGD
Williamson	David	Petch	Jon	The Met Office	Exeter		GBR	ESSL	CGD
Williamson	David	Phillips	Tom	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Williamson	David	Potter	Jerry	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Williamson	David	Taylor	Karl	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Williamson	David	Teixeira	Joao	NATO Undersea Research Centre	La Spezia		ESP	ESSL	CGD
Williamson	David	Willett	Martin	The Met Office	Exeter		GBR	ESSL	CGD
Williamson	David	Xie	Shaocheng	Lawrence Livermore National Laboratory	Livermore	CA	USA	ESSL	CGD
Wiltberger	Michael	Baker	Daniel	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Wiltberger	Michael	Claudepiere	Seth	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Wiltberger	Michael	Elkington	Scot	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Wiltberger	Michael	Farr	Nathan	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Wiltberger	Michael	Goodrich	Charles	Boston Univ.	Boston	MA	USA	ESSL	HAO
Wiltberger	Michael	Guild	Timothy	Boston Univ.	Boston	MA	USA	ESSL	HAO
Wiltberger	Michael	Hudson	Mary	Dartmouth College	Hanover	NH	USA	ESSL	HAO
Wiltberger	Michael	Hughes	W. Jeffrey	Boston Univ.	Boston	MA	USA	ESSL	HAO
Wiltberger	Michael	Lopez	Ramon	Florida Inst. Technology	Melbourne	FL	USA	ESSL	HAO
Wiltberger	Michael	Lotko	William	Dartmouth College	Hanover	NH	USA	ESSL	HAO
Wiltberger	Michael	Lyon	John	Dartmouth College	Hanover	NH	USA	ESSL	HAO
Wiltberger	Michael	Ouellette	Jeremy	Dartmouth College	Hanover	NH	USA	ESSL	HAO
Wiltberger	Michael	Palmaroth	Minna	Finnish Meteorological Inst.	Helsinki		FIN	ESSL	HAO
Wiltberger	Michael	Pulkkinen	Tuija	Finnish Meteorological Inst.	Helsinki		FIN	ESSL	HAO
Wiltberger	Michael	Rogers	Barrett	Dartmouth College	Hanover	NH	USA	ESSL	HAO

Wiltberger	Michael	Shay	Michael	Univ. Delaware	Newark	DE	USA	ESSL	HAO
Wiltberger	Michael	Spence	Harlen	Boston Univ.	Boston	MA	USA	ESSL	HAO
Wiltberger	Michael	Toffoleto	Frank	Rice Univ.	Houston	TX	USA	ESSL	HAO
Winter	Larry	Galbally	Ian	CSIRO Marine & Atmopsheric Research	Victoria	ACT	AUS	ESSL	TIIMES
Wu	Qian	Azeem	Irfan	Embry-Riddle Aeronautical Univ.	Daytona Beach	FL	USA	ESSL	HAO
Wu	Qian	Chung	J.K.	Korea Astronomy and Space Science Inst.	Daejeon		KOR	ESSL	HAO
Wu	Qian	Collins	Richard	Univ. Alaska	Fairbanks	AK	USA	ESSL	HAO
Wu	Qian	Emmert	J.	Naval Research Lab.	Washington	DC	USA	ESSL	HAO
Wu	Qian	Franke	Steven	Univ. Illinois	Champaign-Urbana	IL	USA	ESSL	HAO
Wu	Qian	Gurubaran	Subramanian	Indian Inst. Geomagnetism	Bombay		IND	ESSL	HAO
Wu	Qian	Kozyra	Janet	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Wu	Qian	Lathullere	Chantal	Lab. de Planetologie de Grenoble	Grenoble		FRA	ESSL	HAO
Wu	Qian	Lieberman	Ruth	Colorado Research Associates	Boulder	CO	USA	ESSL	HAO
Wu	Qian	Massetti	Stefano	Istituto dello Spazio Interplanetario	Roma		ITA	ESSL	HAO
Wu	Qian	McEwen	Don	Univ. Saskatchewan	Saskatchewan		CAN	ESSL	HAO
Wu	Qian	Niciejewski	Rick	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Wu	Qian	Noto	John	Scientific Solutions Inc.	Nashua	NH	USA	ESSL	HAO
Wu	Qian	Nozawa	Satonori	Univ. Nagoya	Nagoya		CHN	ESSL	HAO
Wu	Qian	Oberheide	Jens	Univ. Wuppertal	Wuppertal		DEU	ESSL	HAO
Wu	Qian	Ortland	David	Northwest Research Associates CoRA	Boulder	CO	USA	ESSL	HAO
Wu	Qian	Palo	Scott	Univ. Colorado	Boulder	CO	USA	ESSL	HAO
Wu	Qian	Portnyagin	Yuri	Inst. Experimental Meteorology	Obninsk		RUS	ESSL	HAO
Wu	Qian	Riggin	Dennis	Colorado Research Associates	Boulder	CO	USA	ESSL	HAO
Wu	Qian	She	Chiao-Yao	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Wu	Qian	Singer	W.	Leibniz-Inst. Atmospheric Physics	Kühlungsborn		DEU	ESSL	HAO
Wu	Qian	Sivjee	G.G.	Embry-Riddle Aeronautical Univ.	Daytona Beach	FL	USA	ESSL	HAO
Wu	Qian	Skinner	Wilbert	Univ. Michigan	Ann Arbor	MI	USA	ESSL	HAO
Wu	Qian	Smith	Steven	Boston Univ.	Boston	MA	USA	ESSL	HAO
Wu	Qian	Vincent	Robert	Univ. Adelaide	Adelaide		AUS	ESSL	HAO
Wu	Qian	Williams	Bifford	Colorado State Univ.	Fort Collins	CO	USA	ESSL	HAO
Wu	Qian	Won	Young-In	Embry-Riddle Aeronautical Univ.	Daytona Beach	FL	USA	ESSL	HAO
Wu	Qian	Xiong	Jiangang	Chinese Academy of Sciences	Beijing		CHN	ESSL	HAO
Wu	Qian	Xu	J.K.	Chinese Academy of Sciences	Beijing		CHN	ESSL	HAO
Wu	Qian	Yee	J.H. (Sam)	Johns Hopkins Univ. Applied Physics Lab.	Laurel	MD	USA	ESSL	HAO
Xiao	Qingnong	Chen	Liqiang	China Meteorological Administration	Shenyang		CHN	ESSL	MMM
Xiao	Qingnong	Fitzpatrick	Pat	Mississippi State University	Picayune	MS	USA	ESSL	MMM
Xiao	Qingnong	Fu	Yunfei	USTC	Beijing		CHN	ESSL	MMM

Xiao	Qingnong	Zhang	Xiaoyan	Chinese Academy of Sciences	Beijing	CHN	ESSL	MMM	
Yeager	Stephen	Doney	Scott	Woods Hole Oceanographic Institution	Woods Hole	MA	USA	ESSL	CGD

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RAL Staff ([back to People & Organization](#))

There were 194 RAL Staff Members in FY 2006

Employee Last Name	Employee First Name	Position Title	NCAR Lab	Group
ABERNETHY	JENNIFER	GRAD RES ASST/POST	RAL	AAP
ALBO	E DAVID	SOFT ENG/PROG IV	RAL	WSAP
APPLEWHITE	TODD	SOFT ENG/PROG II	RAL	HAP
ARP	KAREN	SOFT ENG/PROG III	RAL	NSAP
BAR-OR	OMER	STUDENT ASST II CAS	RAL	AAP
BARRON	ROBERT	RAP PROG MGR	RAL	AAP
BATEMAN	RICHARD	ASSOC SCIENTIST I	RAL	AAP
BENJAMIN	CHRISTOPHER	STUDENT ASST II CAS	RAL	WSAP
BERNSTEIN	BEN	ASSOC SCIENTIST IV	RAL	AAP
BETANCOURT	TERRI	SOFT ENG/PROG IV	RAL	NSAP
BETTGE	SARA	STUDENT ASST II CAS	RAL	RAL AD OFC
BIEBERBACH	GEORGE	ASSOC SCIENTIST III	RAL	NSAP
BLACKBURN	GARY	SOFT ENG/PROG IV	RAL	AAP
BOEHNERT	JENNIFER	GIS COORDINATOR	SERE/RAL	ISSE/NSAP
BORST	CARTER	SYSTEMS ADR II	RAL	RAL AD OFC
BOURGEOIS	ALFRED	SOFT ENG/PROG III	RAL	NSAP
BOYLAN	PATRICK	STUDENT ASST II NE	RAL	WSAP
BRAECKEL	AARON	SOFT ENG/PROG III	RAL	HAP
BRAID	JAMIE	ASSOC SCIENTIST II	RAL	WSAP
BRANDES	EDWARD	SCIENTIST III	RAL	HAP
BREED	DANIEL	PROJ SCIENTIST II	RAL	HAP
BROWN	BARBARA	PROJ SCIENTIST III	RAL	WSAP
BRUCKER	DEIDRE	SYSTEMS ADR II	RAL	RAL AD OFC
BRUCKER	LIAM	STUDENT ASST III CAS	RAL	RAL AD OFC
BRUINTJES	ROELOF	PROJ SCIENTIST III	RAL	HAP

BULLOCK	RANDY	SOFT ENG/PROG III	RAL	WSAP
BUREK	TATIANA	SOFT ENG/PROG I	RAL	NSAP
BUSH	BRIAN	VISITOR	RAL	NSAP
CABELL	RYAN	SOFT ENG/PROG II	RAL	NSAP
CAI	HUAQING	PROJ SCIENTIST I	RAL	HAP
CALLAWAY	CHRISTINA	VISITOR	RAL	NSAP
CARMICHAEL	BRUCE	RAP ENGINEERING MGR	RAL	AAP
CARSON	LAURIE	SOFT ENG/PROG IV	RAL	NSAP
CARSON	STEVEN	SOFT ENG/PROG II	RAL	AAP
CASADO	MARCEL	SOFT ENG/PROG II	RAL	NSAP
CHAPMAN	MICHAEL	ASSOC SCIENTIST II	RAL	WSAP
CHEN	CELIA	CASUAL - SW ENG/PROG III/IV	RAL	HAP
CHEN	FEI	SCIENTIST III	RAL	NSAP
COEN	JANICE	PROJ SCIENTIST II	RAL	RAL AD OFC
COLE	JEFFREY	ENGINEER II	RAL	AAP
COPELAND	JEFFREY	PROJ SCIENTIST I	RAL	NSAP
CORNMAN	LARRY	PROJ SCIENTIST II	RAL	AAP
COTTER	ANDREW	STUDENT VISITOR	RAL	AAP
COWIE	JAMES	SOFT ENG/PROG IV	RAL	WSAP
CRAIG	JASON	SOFT ENG/PROG II	RAL	WSAP
CUNNING	GARY	SOFT ENG/PROG III	RAL	WSAP
DAVIS	CHRISTOPHER	SR SCIENT SECT HEAD	ESSL/RAL	MMM/NSAP
DEMIRTAS	MERAL	ASSOC SCIENTIST III	RAL	JNT
DETTLING	SUSAN	SOFT ENG/PROG III	RAL	WSAP
DIXON	MICHAEL	SOFT ENG/PROG IV	RAL	HAP
DOWDY	STEPHEN	SYSTEMS ADR III	RAL	RAL AD OFC
DOWELL	DAVID	SCIENTIST I	CISL/RAL	IMAGE/HAP
DREWS	CARL	SOFT ENG/PROG III	RAL	NSAP
DUMONT	ARNAUD	SOFT ENG/PROG III	RAL	HAP
DUNNEBECKE	JOANNE	DIV/PROG ADMIN III	RAL	RAL AD OFC
EADS	TERESA	SYSTEMS ADR III	RAL	RAL AD OFC
ERET	MARK	STUDENT ASST III NE	RAL	AAP
EXBY	JOHN	SYSTEMS ADR III	RAL	RAL AD OFC
FIELD	PAUL	SCIENTIST II	ESSL/RAL	MMM/AAP
FISHER	HENRY	SOFT ENG/PROG II	RAL	NSAP
FOOTE	G BRANT	NCAR ASSOC DIRECTOR	RAL	RAL AD OFC
FOWLER	TRESSA	ASSOC SCIENTIST III	RAL	WSAP
FREHLICH	ROD	VISITOR	RAL	AAP
GALL	ROBERT	INSTITUTE DIR	RAL	JNT
GALLO	INGER	ADMIN ASSISTANT III	RAL	RAL AD OFC
GALLOWAY	KEVIN	STUDENT ASST III CAS	RAL	AAP
GARVEY	DEIRDRE	SOFT ENG/PROG IV	RAL	RAL AD OFC
GAYDOS	ANDREW	STUDENT ASST III CAS	RAL	AAP
GE	MING	ASSOC SCIENTIST II	RAL	NSAP
GILLELAND	ERIC	ASSOC SCIENTIST III	RAL	WSAP
GOCHIS	DAVID	SCIENTIST I	RAL	HAP
GOODRICH	LISA	PROGRAMMER TECH	RAL	AAP
GOODRICH	R KENT	VISITOR	RAL	AAP
HACKER	JOSHUA	SCIENTIST I	RAL	NSAP
HAGE	FRANK	SOFT ENG/PROG IV	RAL	HAP
HAGGERTY	JULIE	PROJ SCIENTIST I	EOL/RAL	RAF/AAP
HAHMANN	ANDREA	PROJ SCIENTIST I	RAL	NSAP
HAHN	DAVID	SOFT ENG/PROG III	RAL	NSAP
HALL	WILLIAM	ASSOC SCIENTIST IV	RAL	AAP
HALLEY GOTWAY	CYNTHIA	MULTIMEDIA SPEC	RAL	RAL AD OFC
HALLEY GOTWAY	JOHN	SOFT ENG/PROG II	RAL	WSAP
HENDRICKSON	BENJAMIN	ASSOC SCIENTIST I	RAL	AAP
HERZEGH	PAUL	PROJ SCIENTIST II	RAL	AAP
HILLIARD-MENZIES	CHERYL	ADMIN ASSISTANT III	RAL	RAL AD OFC

HOFMEISTER	OTTO	SYSTEMS ADR III	RAL	RAL AD OFC
HOLLAND	LACEY	ASSOC SCIENTIST II	RAL	WSAP
HOLMES	ANNE	SOFT ENG/PROG II	RAL	WSAP
HOPSON	THOMAS	POST DOC I	RAL	HAP
HOSWELL	ELIZABETH	DIV/PROG ADMIN II	RAL	RAL AD OFC
HOULISTON	DARA	ADMIN ASSISTANT III	RAL	RAL AD OFC
HSU	HSIAO-MING	ASSOC SCIENTIST III	ESSL/RAL	MMM/AAP
HUEFTLE	ROBERT	CASUAL - SW ENG/PROG I/II	RAL	WSAP
IKEDA	KYOKO	ASSOC SCIENTIST II	RAL	HAP
JENSEN	TARA	ASSOC SCIENTIST III	RAL	HAP
JOHNSON	DAVID	PROJ SCIENTIST II	RAL	AAP
JOHNSON	PAMELA	ADMIN ASSISTANT III	RAL	JNT
KELLER	TEDDIE	CASUAL - ASSOC SCI III/IV	RAL	AAP
KESSINGER	CATHY	PROJ SCIENTIST II	RAL/EOL	AAP/RSF
KNIEVEL	JASON	PROJ SCIENTIST I	RAL	NSAP
KNIGHT	SHELLY	SOFT ENG/PROG II	RAL	HAP
KUCERA	PAUL	ASSOC SCIENTIST IV	RAL	WSAP
LAMPTEY	BENJAMIN	POST DOC I	RAL	HAP
LANDOLT	SCOTT	ASSOC SCIENTIST II	RAL	AAP
LAZO	JEFFREY	PROJ SCIENTIST III	RAL/SERE	WSAP/ISSE
LEE	GYUWON	POST DOC I	SERE/RAL	ASP/HAP
LEVESQUE	KATHLEEN	SOFT ENG/PROG I	RAL	WSAP
LIM	EUNHA	PROJ SCIENTIST I	RAL	HAP
LIMBER	MARTHA	SOFT ENG/PROG III	RAL	AAP
LINDEN	SETH	SOFT ENG/PROG II	RAL	WSAP
LINDHOLM	TENNY	MGR GENERAL AVIATION PROGR AMS	RAL	AAP
LIU	YUBAO	PROJ SCIENTIST II	RAL	NSAP
LUNDEEN	LISA	STUDENT ASST II CAS	RAL	RAL AD OFC
LUNDEEN	ROSE	PROG DEVELOP ADMIN	RAL	RAL AD OFC
MAHONEY	WILLIAM	RAP PROG MGR	RAL	WSAP
MAKOWSKI	CAROL	ADMIN ASSISTANT III	RAL	RAL AD OFC
MARGOLIS	THOMAS	SOFT ENG/PROG III	RAL	NSAP
MCCARTHY	PADHRIG	SOFT ENG/PROG IV	RAL	HAP
MCDONOUGH	FRANCIS	ASSOC SCIENTIST III	RAL	AAP
MCINERNEY	JOSEPH	SOFT ENG/PROG II	RAL	WSAP
MEGENHARDT	DANIEL	SOFT ENG/PROG II	RAL	WSAP
MEYMARIS	GREGORY	SOFT ENG/PROG II	RAL	AAP
MOHLING	HANS	SYSTEMS ADR II	RAL	RAL AD OFC
MOORE	RHONDA	ADMIN ASSISTANT III	RAL	RAL AD OFC
MORSE	CORINNE	SOFT ENG/PROG IV	RAL	AAP
MUELLER	CYNTHIA	CASUAL - SCI I/II	RAL	HAP
MUELLER	STEVEN	SOFT ENG/PROG III	RAL	AAP
MYERS	WILLIAM	SOFT ENG/PROG IV	RAL	WSAP
NANCE	LOUISA	PROJ SCIENTIST I	RAL	JNT
NELSON	ERIC	ASSOC SCIENTIST I	RAL	HAP
OIEN	NILES	SOFT ENG/PROG III	RAL	WSAP
PARK	CAROL	ADMIN ASSISTANT III	RAL	RAL AD OFC
PETTY	KEVIN	SCI/TECH PROJ MGR	RAL	WSAP
PHILLIPS	CODY	STUDENT ASST III NE	RAL	AAP
PINTO	JAMES	PROJ SCIENTIST I	RAL	HAP
POLITOVICH	MARCIA	PROJ SCIENTIST III	RAL	AAP
PRESTOPNIK	JULIE	SOFT ENG/PROG I	RAL	WSAP
PRESTOPNIK	PAUL	SOFT ENG/PROG II	RAL	AAP
RAINES	MICHAEL	SOFT ENG/PROG III	RAL	NSAP
RASMUSSEN	ROY	SR SCIENT SECT HEAD	RAL/ESSL	HAP/TIIMES
REHAK	NANCY	SOFT ENG/PROG IV	RAL	WSAP
RIFE	DARAN	ASSOC SCIENTIST III	RAL	NSAP
ROBERTS	RITA	PROJ SCIENTIST II	RAL	HAP

ROUX	GREGORY	VISITOR	RAL	NSAP
RUTTENBERG	REBECCA	SOFT ENG/PROG III	RAL	NSAP
SALAZAR	VIDAL	ASSOC SCIENTIST II	RAL	HAP
SAXEN	TOM	ASSOC SCIENTIST III	RAL	HAP
SCHRAMM	JULIE	ASSOC SCIENTIST II	RAL	NSAP
SCHULER	ELENA	SOFT ENG/PROG III	RAL	WSAP
SERKE	DAVID	ASSOC SCIENTIST II	RAL	AAP
SHAO	HUI	PROJ SCIENTIST I	RAL	JNT
SHARMAN	ROBERT	PROJ SCIENTIST III	RAL	AAP
SHEU	RONG-SHYANG	PROJ SCIENTIST I	RAL	NSAP
SIMARD	JENNIFER	ASSOC SCIENTIST I	RAL	AAP
SIMMONS	DIANE	DIV/PROG ADMIN II	RAL	RAL AD OFC
SOH	HOWARD	SOFT ENG/PROG III	RAL	RAL AD OFC
SOUTHWICK	KENDALL	STUDENT ASST III NE	RAL	RAL AD OFC
STEINER	MATTHIAS	CONV WEATHER PROG LEAD	RAL	HAP
STOLTE	JEFFREY	SYSTEMS ADR III	RAL	RAL AD OFC
SULLIVAN	STEPHEN	SOFT ENG/PROG III	RAL	NSAP
SUN	JUANZHEN	SCIENTIST III	RAL/ESSL	HAP/MMM
SWARTZ	SHANE	SOFT ENG/PROG II	RAL	NSAP
SWERDLIN	SCOTT	RAP PROG MGR	RAL	NSAP
TAKACS	AGNES	ASSOC SCIENTIST II	RAL	WSAP
TARDIF	ROBERT	GRAD RES ASST/POST	RAL	HAP
TARRANT	ANNE-MARIE	SYSTEMS ADR II	RAL	RAL AD OFC
TEWARI	MUKUL	ASSOC SCIENTIST III	RAL	NSAP
THOMPSON	GREGORY	ASSOC SCIENTIST IV	RAL	HAP
TOLLERUD	JONATHAN	STUDENT ASST II CAS	RAL	WSAP
VANDENBERGHE	FRANCOIS	PROJ SCIENTIST II	RAL	NSAP
VIVEKANANDAN	JOTHIRAM	SENIOR SCIENTIST	EOL/RAL	RSF/HAP
WAGONER	RICHARD	RAP DEP DIR	RAL	RAL AD OFC
WARNER	THOMAS	VISITOR	RAL	NSAP
WEBSTER	KIM	DIV/PROG ADMIN I	RAL	RAL AD OFC
WEEKLEY	BETH	SOFT ENG/PROG II	RAL	WSAP
WEEKLEY	ANDREW	SOFT ENG/PROG III	RAL	AAP
WEINGRUBER	ROBERT	SOFT ENG/PROG IV	RAL	HAP
WIENER	GERRY	SOFT ENG/PROG IV	RAL	WSAP
WILLIAMS	JOHN	PROJ SCIENTIST I	RAL	AAP
WILSON	FRANK	SOFT ENG/PROG IV	RAL	AAP
WILSON	JAMES	SENIOR SCIENTIST	EOL/RAL	RSF/HAP
WILSON	JENNIFER	BUDGET ANALYST I	RAL	RAL AD OFC
WOLFF	CORY	ASSOC SCIENTIST II	RAL	AAP
WOLFF	JAMIE	ASSOC SCIENTIST II	RAL	AAP
WYSZOGRODZKI	ANDRZEJ	PROJ SCIENTIST I	RAL	NSAP
XIONG	STEVE	SYSTEMS ADR I	RAL	RAL AD OFC
XU	MEI	PROJ SCIENTIST II	RAL	HAP
YATES	ALAN	AVIATION SYS ENG	RAL	AAP
YATES	DAVID	PROJ SCIENTIST II	RAL	NSAP
YEE	JAIMI	CASUAL - SW ENG/PROG III/IV	RAL	WSAP
YU	WEI	ASSOC SCIENTIST II	RAL	HAP
ZHANG	YING	ASSOC SCIENTIST II	RAL	HAP
ZIADY	LARA	GRAPHIC ARTIST III	RAL	RAL AD OFC
ZOETEWY	JOHNNA	ADMIN ASSISTANT II	RAL	RAL AD OFC

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RAL Collaborators ([back to People & Organization](#))

There were 220 RAL Collaborators in FY 2006

Host Last Name	Host First Name	Collaborator Last Name	Collaborator First Name	Collaborator's Home Institution	City	State	Country	NCAR Lab	Group
Boehnert	Jenifer	Breman	Joe	Environmental Systems Research Institute, Inc.	Redlands	CO	USA	RAL	WSAP
Brandes	Ed	Zhang	Guifu	University of Oklahoma	Norman	OK	USA	RAL	HAP
Brown	Barbara	Baldwin	Michael	Purdue University	West Lafayette	IN	USA	RAL	WSAP
Brown	Barbara	Brooks	Harold	National Severe Storms Laboratory	Norman	OK	USA	RAL	WSAP
Brown	Barbara	Casati	Barbara	Meteorological Service of Canada	Montreal		CAN	RAL	WSAP
Brown	Barbara	Ebert	Elizabeth	Bureau of Meteorology Research Center	Melbourne		AUS	RAL	WSAP
Brown	Barbara	Ghelli	Anna	European Center for Medium Range Weather Forecasts	Reading		UK	RAL	WSAP
Brown	Barbara	Marzban	Caren	University of Washington	Seattle	WA	USA	RAL	WSAP
Brown	Barbara	Nurmi	Pertti	Finnish Meteorological Institute	Helsinki		FIN	RAL	WSAP
Brown	Barbara	Wilson	Laurence	Meteorological Service of Canada	Montreal		CAN	RAL	WSAP
Bush	Brian	Berscheid	Alan	Los Alamos Ntl. Lab.	Los Alamos	NM	USA	RAL	WSAP
Bush	Brian	Flaim	Sam	Los Alamos Ntl. Lab.	Los Alamos	NM	USA	RAL	WSAP
Bush	Brian	Geernaert	Gary	Los Alamos Ntl. Lab.	Los Alamos	NM	USA	RAL	WSAP
Bush	Brian	Irvin	Stephen	Los Alamos Ntl. Lab.	Los Alamos	NM	USA	RAL	WSAP

Bush	Brian	Ivey	Austin	Los Alamos Ntl. Lab.	Los Alamos	NM	USA	RAL	WSAP
Bush	Brian	Rao	D.V.	Los Alamos Ntl. Lab.	Los Alamos	NM	USA	RAL	WSAP
Bush	Brian	Wilson	Cathy	Los Alamos Ntl. Lab.	Los Alamos	NM	USA	RAL	WSAP
Chen	Fei	Cuenca	Richard	Oregon State University	Corvallis	OR	USA	RAL	NSAP
Chen	Fei	Lakshmi	Venkat	University of South Carolina	Columbia	SC	USA	RAL	NSAP
Chen	Fei	Nyogi	Dev	Purdue University	W. Lafayette	IN	USA	RAL	NSAP
Chen	Fei	Peters-Lidard	Christa	NASA	Greenbelt	MD	USA	RAL	NSAP
Chen	Fei	Street	Robert	Stanford University	Stanford	CA	USA	RAL	NSAP
Chen	Fei	Zehnder	Joseph	Arizona State University	Tempe	AZ	USA	RAL	NSAP
Coen	Janice	Beezley	Jonathan	University of Colorado at Denver	Denver	CO	USA	RAL	DIR
Coen	Janice	Bennethum	Lynn	University of Colorado at Denver	Denver	CO	USA	RAL	DIR
Coen	Janice	Douglas	Craig	University of Kentucky/Yale Univ.	Lexington	KY	USA	RAL	DIR
Coen	Janice	Efendiev	Yalchin	Texas A&M University	College Station	TX	USA	RAL	DIR
Coen	Janice	Ewing	Richard	Texas A&M University	College Station	TX	USA	RAL	DIR
Coen	Janice	Franca	Leopoldo	University of Colorado at Denver	Denver	CO	USA	RAL	DIR
Coen	Janice	Haase	Gundolf	Karl-Franzens University of Graz	Graz		AUT	RAL	DIR
Coen	Janice	Iskandarani	Mohamed	University of Miami	Miami	FL	USA	RAL	DIR
Coen	Janice	Kim	Minjeong	University of Colorado at Denver	Denver	CO	USA	RAL	DIR
Coen	Janice	Kremens	Robert	Rochester Institute of Technology	Rochester	NY	USA	RAL	DIR
Coen	Janice	Kritz	Mauricio	Laboratorio Nacional de Computacao Cientifica	Petropolis		BRA	RAL	DIR
Coen	Janice	Mandel	Jan	University of Colorado at Denver	Denver	CO	USA	RAL	DIR
Coen	Janice	Qin	Guan	Texas A&M University	College Station	TX	USA	RAL	DIR
Coen	Janice	Vodacek	Anthony	Rochester Institute of Technology	Rochester	NY	USA	RAL	DIR
Gall	Robert	Aligo	Eric	University of Iowa	Ames	IA	USA	RAL	JNT
Gall	Robert	Benjamin	Stanley	NOAA/GSD	Boulder	CO	USA	RAL	JNT
Gall	Bob	Bernardet	Ligia	NOAA	Boulder	CO	USA	RAL	DTC
Gall	Robert	Black	Thomas	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Bogenschutz	Peter	University of Utah	Salt Lake City	UT	USA	RAL	JNT
Gall	Robert	Brown	John	NOAA/GSD	Boulder	CO	USA	RAL	JNT
Gall	Robert	Chuang	Hui-Ya	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Collander	Randal	NOAA/GSD	Boulder	CO	USA	RAL	JNT
Gall	Robert	Dempsey	David	San Francisco State University	San Francisco	CA	USA	RAL	JNT
Gall	Robert	DiMego	Geoffrey	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Ek	Michael	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Ferrier	Brad	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Galewsky	Joseph	University of New Mexico	Albuquerque	NM	USA	RAL	JNT
Gall	Robert	Gallus	William	University of Iowa	Ames	IA	USA	RAL	JNT
Gall	Robert	Gopalakrishnan	S.G.	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Harrop	Christopher	NOAA/GSD	Boulder	CO	USA	RAL	JNT
Gall	Robert	Hu	Ming	University of Oklahoma	Norman	OK	USA	RAL	JNT
Gall	Robert	Janjic	Zavisa	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Jankov	Isadora	University of Iowa	Ames	IA	USA	RAL	JNT

Gall	Robert	Jovic	Dusan	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Bob	Koch	Steven	NOAA	Boulder	CO	USA	RAL	DTC
Gall	Robert	Loughe	Andrew	NOAA/GSD	Boulder	CO	USA	RAL	JNT
Gall	Robert	Lui	Shun	University of Oklahoma	Norman	OK	USA	RAL	JNT
Gall	Robert	Mahoney	Jennifer	NOAA/GSD	Boulder	CO	USA	RAL	JNT
Gall	Robert	Marzban	Caren	University of Washington	Seattle	WA	USA	RAL	JNT
Gall	Robert	McCaslin	Paula	NOAA/ESRL	Boulder	CO	USA	RAL	JNT
Gall	Robert	Noonan	Gregory	CU/CIRES	Boulder	CO	USA	RAL	JNT
Gall	Robert	Pyle	Matthew	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Roebber	Paul	University of Wisconsin	Milwaukee	WI	USA	RAL	JNT
Gall	Robert	Rozumalski	Robert	NOAA/NWS/FDTB	Boulder	CO	USA	RAL	JNT
Gall	Robert	Seaman	Nelson	NOAA/NWS/NCEP	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Smirnova	Tanya	NOAA/GSD	Boulder	CO	USA	RAL	JNT
Gall	Robert	Stoelinga	Mark	University of Washington	Seattle	WA	USA	RAL	JNT
Gall	Robert	Surgi	Naomi	NOAA/NWS/NCEP/EMC	Silver Spring	MD	USA	RAL	JNT
Gall	Robert	Weatherhead	Elizabeth	CU/CIRES	Boulder	CO	USA	RAL	JNT
Gall	Robert	Weigel	Jerry	AFWA	Ohama	NE	USA	RAL	JNT
Gall	Robert	Xu	JianJun	NCEP Environmental Modeling	Camp Springs	MD	USA	RAL	JNT
Gall	Robert	Xue	Ming	University of Oklahoma	Norman	OK	USA	RAL	JNT
Gilleland	Eric	Lee	Thomas	Colorado State University	Ft. Collins	CO	USA	RAL	WSAP
Gochis	David	Anderson	Christopher	NOAA Forecast Systems Lab.	Boulder	CO	USA	RAL	NCAR
Gochis	David	Anderson	Bruce	Boston Univ.	Boston	MA	USA	RAL	NCAR
Gochis	David	Brito-Castillo	Luis	CIBNOR	Guaymas	Sonora	MEX	RAL	NCAR
Gochis	David	Garatuza	Jaime	U. Sonora	Cd. Obregon	Sonora	MEX	RAL	NCAR
Gochis	David	Garfin	Gregg	U. Arizona	Tucson	AZ	USA	RAL	NCAR
Gochis	David	Higgins	Wayne	NOAA/NWS/NCEP	Camp Springs	MD	USA	RAL	NCAR
Gochis	David	Hong	Yang	U. California-Irvine	Irvine	CA	USA	RAL	NCAR
Gochis	David	Hsu	Kuo-lin	U. California-Irvine	Irvine	CA	USA	RAL	NCAR
Gochis	David	Kursinski	Rob	U. Arizona	Tucson	AZ	USA	RAL	NCAR
Gochis	David	Lang	Tim	Col. State Univ.	Ft. Collins	CO	USA	RAL	NCAR
Gochis	David	Maldment	David	U. Texas-Austin	Austin	TX	USA	RAL	NCAR
Gochis	David	Ray	Andrea	NOAA Physical Sciences Division	Boulder	CO	USA	RAL	NCAR
Gochis	David	Sharif	Hatim	U. Texas-San Antonio	San Antonio	TX	USA	RAL	NCAR
Gochis	David	Shuttleworth	Jim	U. Arizona	Tucson	AZ	USA	RAL	NCAR
Gochis	David	Sorooshian	Soroosh	U. California-Irvine	Irvine	CA	USA	RAL	NCAR
Gochis	David	Troch	Peter	U. Arizona	Tucson	AZ	USA	RAL	NCAR
Gochis	David	Vivoni	Enrique	New Mexico Tech.	Socorro	NM	USA	RAL	NCAR
Gochis	David	Watts	Chris	U. Sonora	Hermosillo	Sonora	MEX	RAL	NCAR
Gochis	David	Wilson	John	New Mexico Tech.	Socorro	NM	USA	RAL	NCAR
Gochis	David	Yang	Zong-Liang	U. Texas-Austin	Austin	TX	USA	RAL	NCAR
Hacker	Joshua	Della Monache	Luca	Univ. British Columbia/LLNL	Vancouver/Livermore	BC/CA	CAN/USA	RAL	NSAP
Hacker	Joshua	Hakim	Greg	Univ. Washington	Seattle	WA	USA	RAL	RAL
Haggerty	Julie	Mahoney	Michael J.	JPL	Pasadena	CA	USA	EOL/RAL	RAF(EOL/AAP(RAL)
Haggerty	Julie	Minnis	Patrick	NASA Langley	Hampton	VA	USA	EOL/RAL	RAF(EOL/AAP(RAL)
Haggerty	Julie	Valero	Francisco	Scripps	LaJolla	CA	USA	EOL/RAL	RAF(EOL/AAP(RAL)
Herzogh	Paul	Bankert	Richard	Naval Research Laboratory	Monterey	CA	USA	RAL	AAP

Herzegh	Paul	Benjamin	Stanley	NOAA Global Systems Division	Boulder	CO	USA	RAL	AAP
Herzegh	Paul	Clark	David	MIT Lincoln Laboratory	Lexington	MA	USA	RAL	AAP
Hopson	Thomas	Brakenridge	G. Robert	Dartmouth College	Hanover	NH	USA	RAL	HAP
Hopson	Thomas	Buizza	Roberto	European Centre for Medium-Range Weather Forecasts	Reading		UK	RAL	HAP
Hopson	Thomas	Restrepo	Pedro	National Weather Service	Silver Spring	MD	USA	RAL	HAP
Hopson	Thomas	Schaake	John	National Weather Service	Silver Spring	MD	USA	RAL	HAP
Hopson	Thomas	Webster	Peter	Georgia Institute of Technology	Atlanta	GA	USA	RAL	HAP
Jensen	Tara	Al Mandoos	Abdulla	Dept of Atmos Res.	Abu Dhabi		UAE	RAL	HAP
Jensen	Tara	Goering	Melissa	National Weather Service	Cheyenne	WY	USA	RAL	HAP
Jensen	Tara	Krauss	Dr. Terry	Weather Modification Inc	Alberta		CAN	RAL	HAP
Jensen	Tara	McIntyre	Heather	University of Wyoming	Laramie	WY	USA	RAL	HAP
Jensen	Tara	Morrison	Anthony	University of Melbourne	Melborne		AUS	RAL	HAP
Jensen	Tara	Ried	Dr. Jeffrey	Naval Research Lab	Monterey	CA	USA	RAL	HAP
Kessinger	Cathy	Cooke	John	Naval Research Laboratory	Monterey	CA	USA	RAL	AAP
Kessinger	Cathy	Hawkins	Jeff	Naval Research Laboratory	Monterey	CA	USA	RAL	AAP
Kessinger	Cathy	Tsui	Ted	Naval Research Laboratory	Monterey	CA	USA	RAL	AAP
Kessinger	Cathy	Williams	Earle	MIT Lincoln Laboratories	Lexington	MA	USA	RAL	AAP
Knieval	Jason	Kusaka	Hiroyuki	Central Research Institute of Electric Power Industry	Abiko		JPN	RAL	NSAP
Knieval	Jason	Parker	Matthew	North Carolina State University	Raleigh	NC	USA	RAL	NSAP
Lazo	Jeff	Brooks	Harold	National Severe Storms Lab	Norman	OK	USA	RAL	WSAP
Lazo	Jeff	Brooks	Harold	National Severe Storms Laboratory (NSSL)/FRD	Norman	OK	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeff	Ganderton	Philip	Univeristy of New Mexico	Albuquerque	NM	USA	RAL	WSAP
Lazo	Jeff	Ganderton	Phil	University of New Mexico	Albuquerque	NM	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeff	Gladwin	Hugh	Florida International University	Miami	FL	USA	RAL	WSAP
Lazo	Jeff	Harrod	Megan	University of Colorado	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeff	Larsen	Peter	University of Alaska	Anchorage	AK	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeff	Mills	Brian	Environment Canada	Toronto	ON	CAN	RAL	WSAP
Lazo	Jeff	Morrow	Betty	Private Sociologist	Miami	FL	USA	RAL	WSAP
Lazo	Jeff	Peacock	Walter	Texas A&M	College Station	TX	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeff	Waldman	Donald	University of Colorado	Boulder	CO	USA	RAL/SERE	WSAP/ISSE
Lazo	Jeff	Willoughby	Hugh	Florida International University	Miami	FL	USA	RAL	WSAP
Liu	Yubao	Gross-clarke	Susanne	ASU	Phoenix	AR	USA	RAL	NSAP
Liu	Yubao	Jacobs	Neil	AirDat LLC	Morrisville	NC	USA	RAL	NSAP
Mahoney	William	Adams	Mike	Wisconsin DOT	Madison	WI	USA	RAL	WSAP
Mahoney	William	Albrecht	Chris	Iowa State University	Ames	IA	USA	RAL	WSAP
Mahoney	William	Alexander	Matt	E-470 Public Road Authority	Denver	CO	USA	RAL	WSAP
Mahoney	William	Alexander	Matt	E-470 Public Road Authority	Denver	CO	USA	RAL	WSAP

Mahoney	William	Anderle	Phillip	CO Dept. of Transportation	Greeley	CO	USA	RAL	WSAP
Mahoney	William	Belter	Dennis	Indiana DOT	Indianapolis	IN	USA	RAL	WSAP
Mahoney	William	Bergen	Bill	Raytheon	L.A.	CA	USA	RAL	WSAP
Mahoney	William	Berkhardt	John	City of Indianapolis	Indianapolis	IN	USA	RAL	WSAP
Mahoney	William	Block	Jim	Meteorlogix	Minneapolis	MN	USA	RAL	WSAP
Mahoney	William	Boyce	Brenda	Mixon-Hill	Kansas City	KS	USA	RAL	WSAP
Mahoney	William	Bush	Brian	Las Alamos National Lab	Albuquerque	NM	USA	RAL	WSAP
Mahoney	William	Cypra	Thorsten	U of Karlsruhe	Karlsruhe		DEU	RAL	WSAP
Mahoney	William	Davis	Jon	Chesapeake Energy	Chicago	IL	USA	RAL	WSAP
Mahoney	William	Fernandez	Steve	LANL	Los Alamos	NM	USA	RAL	WSAP
Mahoney	William	Flolid	Mark	Peak Weather	Boulder	CO	USA	RAL	WSAP
Mahoney	William	Foster	Josh	NOAA	Washington	D.C.	USA	RAL	WSAP
Mahoney	William	Garrett	Kyle	Mixon/Hill	Overland Park	KS	USA	RAL	WSAP
Mahoney	William	Geernaert	Gary	LANL	Los Alamos	NM	USA	RAL	WSAP
Mahoney	William	Gowen	Terry	E-470 Public Road Authority	Denver	CO	USA	RAL	WSAP
Mahoney	William	Gowin	Terry	E-470 Public Road Authority	Denver	CO	USA	RAL	WSAP
Mahoney	William	Greenfield	Tina	Iowa DOT	Ames	IA	USA	RAL	WSAP
Mahoney	William	Gruntfest	Eve	CU	Boulder	CO	USA	RAL	WSAP
Mahoney	William	Hallowell	Robert	MIT	Lexington	MA	USA	RAL	WSAP
Mahoney	William	Handman	Art	Hartford Transit Authority	Hartford	CT	USA	RAL	WSAP
Mahoney	William	Henderson	Jim	MDA Federal	Washington	D.C.	USA	RAL	WSAP
Mahoney	William	Holt	Joe	Tennessee DOT	Knoxville	TN	USA	RAL	WSAP
Mahoney	William	Huang	Brian	Civil Aeronautics Administration	Taipei		TWN	RAL	WSAP
Mahoney	William	Kennedy	Pat	City & County of Denver	Denver	CO	USA	RAL	WSAP
Mahoney	William	Kennedy	Pat	Federal Highway Admin.	Washington	D.C.	USA	RAL	WSAP
Mahoney	William	McKewon	Marty	DTN Meteorlogix	Burnsville	MN	USA	RAL	WSAP
Mahoney	William	McLallen	Peter	Chrysler Corp.	Detroit	MI	USA	RAL	WSAP
Mahoney	William	Mewes	John	Meridian	San Diego	CA	USA	RAL	WSAP
Mahoney	William	Miller	Patty	NOAA/FSL	Boulder	CO	USA	RAL	WSAP
Mahoney	William	Mixon	Lee	Mixon/Hill	Overland Park	KS	USA	RAL	WSAP
Mahoney	William	Murphy	Ray	FHWA	Washington	D.C.	USA	RAL	WSAP
Mahoney	William	Ouellet	Mario	Environment Canada	Ottawa		CAN	RAL	WSAP
Mahoney	William	Pape	Curt	Minnesota DOT	St. Paul	MN	USA	RAL	WSAP
Mahoney	William	Patterson	Ralph	Utah DOT	Salt Lake City	UT	USA	RAL	WSAP
Mahoney	William	Pearson	Brooke	Valsala	Louisville	CO	USA	RAL	WSAP
Mahoney	William	Phetteplace	Gary	CRREL	Hanover	NH	USA	RAL	WSAP
Mahoney	William	Phillips	Brenda	U. of Mass.	Amherst	MAS	USA	RAL	WSAP
Mahoney	William	Pisano	Paul	FHWA	Washington	D.C.	USA	RAL	WSAP
Mahoney	William	Plotkin	Don	Federal Railroad Admin	Washington	D.C.	USA	RAL	WSAP
Mahoney	William	Pol	James	US Dept. of Transportation	Washington	D.C.	USA	RAL	WSAP
Mahoney	William	Reisner	Jon	LANL	Los Alamos	NM	USA	RAL	WSAP
Mahoney	William	Smithson	Lee	AASHTO	Ames	IA	USA	RAL	WSAP
Mahoney	William	Stern	Andrew	Mitretek	Falls Church	VA	USA	RAL	WSAP
Mahoney	William	Stickel	Jack	Alaska DOT	Juneau	AK	USA	RAL	WSAP
Mahoney	William	Watson	Micheli	E-470 Public Road Authority	Denver	CO	USA	RAL	WSAP
Mahoney	William	Yu	James	Institute for Information Industry	Taipei		TWN	RAL	WSAP
Rasmussen	Roy	Geresdi	Istvan	U. of Pecs	Pecs		HUN	RAL	HAP
Roberts	Rita	Amis	Tom	Central Weather Service Unit	Ft. Worth	TX	USA	RAL	HAP

Roberts	Rita	Ba	Mamoudou	National Weather Service Hdqrts	Silver Spring		USA	RAL	HAP
Roberts	Rita	Brunkow	Dave	Colorado State University	Ft. Collins	CO	USA	RAL	HAP
Roberts	Rita	Bunting	William	National Weather Service Hdqrts	Ft. Worth	TX	USA	RAL	HAP
Roberts	Rita	Burgess	Don	National Severe Storms Laboratory	Norman	OK	USA	RAL	HAP
Roberts	Rita	Chandrasekar	V.	Colorado State University	Ft. Collins	CO	USA	RAL	HAP
Roberts	Rita	Chen	Mingxuan	Beijing Meteorological Bureau	Beijing		CHN	RAL	HAP
Roberts	Rita	Crum	Tim	Office of Science and Technology	Norman	OK	USA	RAL	HAP
Roberts	Rita	Dekker	Paco	Politechnical Univ. of Catalonia	Barcelona		ESP	RAL	HAP
Roberts	Rita	Dekker	Paco	Politechnical Univ. of Catalonia	Barcelona		ESP	RAL	HAP
Roberts	Rita	Fabry	Frederic	McGill University	Montreal		CAN	RAL	HAP
Roberts	Rita	Fritz	Jason	Colorado State University	Ft. Collins	CO	USA	RAL	HAP
Roberts	Rita	Joe	Paul	Meteorological Service of Canada	Ontario		CAN	RAL	HAP
Roberts	Rita	Keenan	Tom	Bureau of Meteorogy Research Centre	Melbourne		AUS	RAL	HAP
Roberts	Rita	Kennedy	Pat	Colorado State University	Ft. Collins	CO	USA	RAL	HAP
Roberts	Rita	Kong	Rong	Beijing Meteorological Bureau	Beijing		CHN	RAL	HAP
Roberts	Rita	Leng	Boon	Univ of Okahoma	Norman	OK	USA	RAL	HAP
Roberts	Rita	McLaughlin	Dave	Univ. of Massachusetts	Boston	MA	USA	RAL	HAP
Roberts	Rita	Meunier	Veronique	McGill University	Montreal		CAN	RAL	HAP
Roberts	Rita	Padmanabhan	Sharmila	Colorado State University	Ft. Collins	CO	USA	RAL	HAP
Roberts	Rita	Padmanabhan	Sharmila	Colorado State University	Ft. Collins	CO	USA	RAL	HAP
Roberts	Rita	Palmer	Bob	Univ. of Oklahoma	Norman	OK	USA	RAL	HAP
Roberts	Rita	Park	Shin Ju	McGill University	Montreal		CAN	RAL	HAP
Roberts	Rita	Smith	Stephan	National Weather Service Hdqrts	Silver Spring	MD	USA	RAL	HAP
Roberts	Rita	Tan	X.G.	Beijing Meteorological Bureau	Beijing		CHN	RAL	HAP
Sharman	Robert	Dornbrack	Andreas	DLR	Wessling		DEU	RAL	AAP
Sharman	Robert	Fovell	Robert	UCLA	Los Angeles	CA	USA	RAL	AAP
Sharman	Robert	Lane	Todd	Univ. Melbourne	Melbourne		AUS	RAL	AAP
Sharman	Robert	McHugh	John	UNH	Durham	NH	USA	RAL	AAP
Williams	John	Bumgarner	Bill	BAE Systems	Washington	DC	USA	RAL	AAP
Williams	John	Haupt	Sue Ellen	The Pennsylvania State University	State College	PA	USA	RAL	AAP
Williams	John	Stone	Rocky	United Airlines	Denver	CO	USA	RAL	AAP
Wyszogrodzki	Andrzej	Dörnbrack	Andreas	Institut für Physik der Atmosphäre	Oberpfaffenhofen		GER	RAL	AAP
Wyszogrodzki	Andrzej	Prusa	Joseph	Teraflux Corporation	Boca Raton	FL	USA	RAL	AAP

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SERE Staff ([back to People & Organization](#))

There were 82 SERE Staff Members in FY 2006

Employee Last Name	Employee First Name	Position Title	NCAR Lab	Group
Alexakis	Alexandros	Postdoctoral Fellow	ASP/IMAGE	ASP/GTP
Backlund	Peter	Director	SERE	SERE
Barney	Kathleen	Administrative Assistant	SERE	ASP
Barsanti	Kelley	Postdoctoral Fellow	SERE/ESSL	ASP/ACD
Betsill	Michele	Visiting Scientist	SERE	ISSE
Bin	Shui	Postdoctoral Fellow	SERE	ASP/ISSE
Boehnert	Jennifer	GIS Coordinator	SERE/RAL	ISSE/RAL
Borbor-Cordova	Mercy	Postdoctoral Fellow	SERE	ASP/ISSE
Boy	Michael	Postdoctoral Fellow	SERE/ESSL	ASP/ACD
Briggs	Scott	Administrative Assistant	SERE	ASP
Cheruvu	Vani	Postdoctoral Fellow	SERE/CISL	ASP/SCD
Corbosiero	Kristen	Postdoctoral Fellow	SERE/ESSL	ASP/MMM
D'Attilo	Garth	Systems Administrator	SERE/ESSL	ASP/ACD
Demuth	Julie	Visiting Scientist	SERE/RAL	ISSE/SIP
Desai	Ankur	Postdoctoral Fellow	SERE/ESSL	ASP/TIIMES
DeWekker	Stephan	Postdoctoral Fellow	SERE	ASP/EOL
Dunn	Matt	Graduate Fellow	SERE/ESSL	ASP/ACD
Dzepina	Katja	Graduate Fellow	SERE/ESSL	ASP/ACD
Fisher	Paula	Administrator	SERE	ASP
Forbes	Marissa	Student Assistant	SERE	ISSE
Friedli	Hans	Senior Research Associate	SERE/ESSL	ASP/ACD
Glantz	Michael	Director	SERE	CCB
Goody	Belinda	Administrator	SERE	ISSE
Graham	Jonathan	Graduate Fellow	ASP/IMAGE	ASP/GTP
Gruntfest	Eve	Visiting Scientist	SERE	ISSE

Hagan	Maura	Director	SERE/ESSL	ASP/HAO
Harriss	Robert	Senior Scientist	SERE	ISSE
Hayden	Mary	Postdoctoral Fellow	SERE	ASP/ISSE
Herrmann	Stefanie	Postdoctoral Fellow	SERE/ESSL	ASP/CCB
Hilgers	Matthew	Student Assistant	SERE	SERE
Hodzic	Alma	Postdoctoral Fellow	SERE/ESSL	ASP/ACD
Holzhauser	Vicki	Budget Analyst	SERE	SERE
Holladay	Scott	Student Assistant	SERE	ISSE
Hopson	Thomas	Postdoctoral Fellow	SERE	ASP/RAL
Jablonski	Christiane	Postdoctoral Fellow	SERE/CISL	ASP/SCD
Johnson	Ben	Postdoctoral Fellow	SERE/ESSL	ASP/CGD
Johnson	Christine	Postdoctoral Fellow	SERE/ESSL	ASP/CGD
Katz	Richard	Senior Scientist	SERE	ISSE
Kelman	Ilan	Postdoctoral Fellow	SERE/ESSL	ASP/CCB
Kellogg	Dale	Administrator	SERE	SERE
Kirshbaum	Daniel	Postdoctoral Fellow	SERE/ESSL	ASP/MMM
Kleypas	Joan	Scientist II	SERE	ISSE
Laffea	Lynette	Student Assistant	SERE	ISSE
Laidlaw	Emily	Associate Scientist I	SERE	ISSE/SIP
Lamprey	Benjamin	Postdoctoral Fellow	SERE	ASP/RAL
Lance	Sara	Graduate Fellow	SERE/ESSL	ASP/ACD
Lazo	Jeff	Project Scientist III	RAL/SERE	RAL/ISSE
Latham	John	Senior Research Associate	SERE/ESSL	ASP/MMM
Lauritzen	Peter	Postdoctoral Fellow	SERE/ESSL	ASP/CGD
Lee	Gyywon	Postdoctoral Fellow	SERE	ASP/RAL
Lei	Jiuhou	Postdoctoral Fellow	SERE/ESSL	ASP/HAO
Mahlman	Jerry	Senior Research Associate	SERE	ASP/ISSE
Manso-Sainz	Rafael	Postdoctoral Fellow	SERE/ESSL	ASP/HAO
Markel	Cheryl	Web & Graphic Designer	SERE	SERE
Matsunaga	Sou	Postdoctoral Fellow	SERE/ESSL	ASP/ACD
McDaniel	Erin	Systems Administrator	SERE	ISSE
McDaniel	Larry	Software Engineer	SERE	ISSE
McGinnis	Seth	Associate Scientist II	SERE	ISSE
McNeely	Shannon	Visiting Scientist	SERE	ISSE
Mearns	Linda	Director	SERE	ISSE
Miller	Kathleen	Scientist III	SERE	ISSE
Morrison	Hugh	Postdoctoral Fellow	SERE/ESSL	ASP/MMM
Morss	Rebecca	Scientist I	SERE/ESSL	ISSE/MMM
Moser	Susanne	Research Scientist II	SERE	ISSE
Ortiz-Carbonell	Ada	Postdoctoral Fellow	SERE/ESSL	ASP/HAO
Pfister	Gabriele	Postdoctoral Fellow	SERE/ESSL	ASP/ACD
Romero Lankao	Patricia	Scientist II	SERE	ISSE
Sealy	Andrea	Postdoctoral Fellow	SERE/ESSL	ASP/CGD
Serafin	Robert	NCAR Director Emeritus	SERE	SERE
Shell	Karen	Postdoctoral Fellow	SERE/ESSL	ASP/CGD
Skitt	Kathryn	Administrative Assistant III	SERE	ISSE
Stewart	Dorothy Jan	Administrator	SERE	CCB
Swenson	Sean	Postdoctoral Fellow	SERE/ESSL	ASP/CGD
Tebaldi	Claudia	Project Scientist II	SERE	ISSE
Tilmes	Simone	Postdoctoral Fellow	SERE/ESSL	ASP/ACD
Tribbia	John	Student Assistant	SERE	ISSE
VanReken	Tim	Postdoctoral Fellow	SERE/ESSL	ASP/ACD
Waite	Michael	Postdoctoral Fellow	SERE/ESSL	ASP/MMM
Wilhelmi	Olga	Project Scientist I	SERE	ISSE
Ye	Qian	Project Scientist	SERE	CCB
Zeng	Zhen	Postdoctoral Fellow	SERE/ESSL	ASP/HAO

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SERE Collaborators ([back to People & Organization](#))

There were 204 SERE Collaborators in FY 2006

Host Last Name	Host First Name	Collaborator Last Name	Collaborator First Name	Collaborator's Home Institution	City	State	Country	NCAR Lab	Group
Corbosiero	Kristen	Kossin	James	University of Wisconsin-Madison	Madison	WI	USA	SERE/ESSL ASP/MMM	
Corbosiero	Kristen	Dickinson	Michael	Accurate Environmental Forecasting, Inc.	Narragansett	RI	USA	SERE/ESSL ASP/MMM	
Corbosiero	Kristen	Black	Michael	HRD/NOAA	Miami	FL	USA	SERE/ESSL ASP/MMM	
Corbosiero	Kristen	Molinari	John	Suny Albany	Albany	NY	USA	SERE/ESSL ASP/MMM	
Demuth	Julie	Drobot	Sheldon	Univ. Colorado	Boulder	CO	USA	SERE/RAL ISSE/SIP	
Demuth	Julie	Gruntfest	Eve	Univ. Colorado	Colorado Springs	CO	USA	SERE/RAL ISSE/SIP	
Demuth	Julie	Hayden	Mary	Univ. Colorado	Colorado Springs	CO	USA	SERE/RAL ISSE/SIP	
Demuth	Julie	Schultz	David	Cooperative Inst. for Meteorological Mesoscale Studies, Univ. of Oklahoma	Norman	OK	USA	SERE/RAL ISSE/SIP	
Demuth	Julie	Fransen	Tanja	National Weather Service	Glasgow	MT	USA	SERE/RAL ISSE/SIP	
Demuth	Julie	Guibert	Greg	Natural Hazards Center, Univ. Colorado	Boulder	CO	USA	SERE/RAL ISSE/SIP	
DeWekker	Stephan	Steyn	Douw	The University of British Columbia	Vancouver	BC	CAN	SERE/EOL ASP/RAL	
DeWekker	Stephan	Fast	Jerome	Pacific Northwest National Laboratory	Richland	WA	USA	SERE/EOL ASP/RAL	
DeWekker	Stephan	Zhong	Sharon	University of Houston	Houston	TX	USA	SERE/EOL ASP/RAL	
DeWekker	Stephan	Rotach	Mathias	Swiss Federal Office of Meteorology and Climatology	Zurich		CHE	SERE/EOL ASP/RAL	
Glantz	Michael	Adeel	Zafar	UN University/I NWEH	Montreal		CAN	SERE CCB	
Glantz	Michael	bin Osman Salleh	Khairulmaini	Univ. Malaya	Kuala Lumpur		MYS	SERE CCB	
Glantz	Michael	Chopde	Shashikant	Winrock International	New Delhi		IND	SERE CCB	
Glantz	Michael	Cohen	John	Univ. Colorado Medical School	Denver	CO	USA	SERE CCB	
Glantz	Michael	Herath	Srikantha	UN Univ.	Tokyo		JPN	SERE CCB	
Glantz	Michael	Imhoff	Marc	NASA Goddard Space Flight Center	Greenbelt	MD	USA	SERE CCB	
Glantz	Michael	Kirn	Marda	Eco Arts	Boulder	CO	USA	SERE CCB	
Glantz	Michael	Kjellen	Bo	Stockholm Environment Institute	Stockholm		SWE	SERE CCB	

Glantz	Michael	Low	Pak Sum	United Nations	Geneva	CHE	SERE	CCB	
Glantz	Michael	McPhaden	Michael	PMEL/NOAA	Seattle	WA	USA	SERE	CCB
Glantz	Michael	Miller	Mary	Exploratorium	San Francisco	CA	USA	SERE	CCB
Glantz	Michael	Nakayama	Mikiyasu	University of To kyo	Tokyo	JPN	SERE	CCB	
Glantz	Michael	Nelson	Mike	KMGH-TV Wea ther Center	Denver	CO	USA	SERE	CCB
Glantz	Michael	Patel	Pravina	UN Environmen t Programme	Nairobi	KEN	SERE	CCB	
Glantz	Michael	Schubel	Jerry	Aquarium of th e Pacific	Long Beach	CA	USA	SERE	CCB
Glantz	Michael	Shea	Eileen	East West Cent er	Honolulu	HI	USA	SERE	CCB
Glantz	Michael	Stevenson	Linda	Asia Pacific Ne twork for Global Change Research	Bangkok	THA	SERE	CCB	
Glantz	Michael	Trapp	Robert	Purdue Univ.	W. Lafayette	IN	USA	SERE	CCB
Glantz	Michael	van Ginkel	Hans	UN Univ.	Tokyo	JPN	SERE	CCB	
Glantz	Michael	van Schaik	Henk	UNESCO	Paris	FRA	SERE	CCB	
Glantz	Michael	Zebiak	Stephen	Lamont Dohert y Earth Observatory	Palisades	NY	USA	SERE	CCB
Glantz	Michael	Zonn	Igor	Soyuzvodproye ct	Moscow	RUS	SERE	CCB	
Hodzic	Alma	Muller	Detlef	Institute for Tro pospheric Research	Leipzig	DEU	SERE/ESSL	ASP/ACD	
Hodzic	Alma	Menut	Laurent	Laboratoire de Meteorology Dynamique, Ecole Polytechnique	Plalaiseau	FRA	SERE/ESSL	ASP/ACD	
Hodzic	Alma	Vautgard	Robert	Laboratoire des Sciences du Climat et de l'Environnement	Gif-sur-Yvette	FRA	SERE/ESSL	ASP/ACD	
Hopson	Thomas	Palmer	Timothy	Georgia Institut e of Technology	Atlanta	GA	USA	SERE/EOL	ASP/RAL
Hopson	Thomas	Hoyos	Carlos	Georgia Institut e of Technology	Atlanta	GA	USA	SERE/EOL	ASP/RAL
Hopson	Thomas	Chang	Hai-Ru	Georgia Institut e of Technology	Atlanta	GA	USA	SERE/EOL	ASP/RAL
Hopson	Thomas	Webster	Palmer	The European Centre for Medium-Range Weather Forecasts	Reading	GRB	SERE/EOL	ASP/RAL	
Hopson	Thomas	Subbiah	Arjunapermal	Asian Disaster Preparedness Centre		THA	SERE/EOL	ASP/RAL	
Hopson	Thomas	Grossman	Robert	Colorado Rese arch Associates	Boulder	CO	USA	SERE/EOL	ASP/RAL
Jablonowski	Christiane	Penner	Joyce	University of Mi chigan	Ann Arbor	MI	USA	SERE/CISL	ASP/SCD
Jablonowski	Christiane	Oehmke	Robert Carl	University of Mi chigan	Ann Arbor	MI	USA	SERE/CISL	ASP/CGD
Jablonowski	Christiane	Stout	Quentin	University of Mi chigan	Ann Arbor	MI	USA	SERE/CISL	ASP/CGD
Jablonowski	Christiane	van Leer	Bram	University of Mi chigan	Ann Arbor	MI	USA	SERE/CISL	ASP/CGD
Jablonowski	Christiane	Powell	Kenneth	University of Mi chigan	Ann Arbor	MI	USA	SERE/CISL	ASP/CGD
Katz	Richard	Meza	Francisco	Catholic Univ. Chile	Santiago	CHL	SERE	ISSE	
Katz	Richard	Naveau	Philippe	LSCE/CNRS	Gif-sur-Yvette	FRA	SERE	ISSE	
Katz	Richard	Parlange	Marc	Swiss Federal I nst. Technology	Lausanne	CHE	SERE	ISSE	
Katz	Richard	Rajagopalan	Balaji	Univ. Colorado	Boulder	CO	USA	SERE	ISSE
Katz	Richard	Podesta	Guillermo	Univ. Miami	Miami	FL	USA	SERE	ISSE
Katz	Richard	Regnier	Eva	Naval Postgrad uate School	Monterey	CA	USA	SERE	ISSE
Katz	Richard	Phillips	Brenda	Univ. Massachu setts	Amherst	MA	USA	SERE	ISSE
Katz	Richard	Coleman	Matthew	Citadel Investm ent Group	Chicago	IL	USA	SERE	ISSE
Katz	Richard	Young	George	Pennsylvania S tate Univ.	University Park	PA	USA	SERE	ISSE
Katz	Richard	Reiss	Rolf	Univ. Siegen	Siegen	DEU	SERE	ISSE	
Katz	Richard	Ehrendorfer	Martin	Univ. Innsbruck	Innsbruck	AUT	SERE	ISSE	
Katz	Richard	Ganguly	Auroop	Oak Ridge Nati onal Lab.	Oak Ridge	TN	USA	SERE	ISSE
Kelman	Ilan	Mather	Tamsin	University of Oxford	Oxford	GRB	SERE	ASP/CCB	
Kelman	Ilan	Calogero	Erica	University Co llege London	London	GRB	SERE	ASP/CCB	
Kelman	Ilan	Toyos	Guillermo	University of Cambridge	Cambridge	GRB	SERE	ASP/CCB	
Kelman	Ilan	Baxter	Peter	University of Cambridge	Cambridge	GRB	SERE	ASP/CCB	
Kelman	Ilan	Komorowski	Jean-Christo phe	Institut de P hysique du Globe de Paris	Paris	FRA	SERE	ASP/CCB	
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Kleypas	Joan	Aronson	Rich	Dauphin Is. Se a Lab	Dauphin Island	AL	USA	SERE	ISSE
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Kleypas	Joan	Caldeira	Ken	Carnegie Institu tion	Stanford	CA	USA	SERE	ISSE
Kleypas	Joan	Eakin	Mark	NOAA-CSAR	Silver Spring	MD	USA	SERE	ISSE
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Kleypas	Joan	Feely	Richard	NOAA-PMEL	Seattle	WA	USA	SERE	ISSE
Kleypas	Joan	Gattuso	Jean-Pierre	CNRS	Ville-Franche	FRA	SERE	ISSE	
Kleypas	Joan	Hendee	James	NOAA-AOML	Miami	FL	USA	SERE	ISSE
Kleypas	Joan	Langdon	Chris	Univ. Miami	Miami	FL	USA	SERE	ISSE
Kleypas	Joan	Sabine	Chris	NOAA-PMEL	Seattle	WA	USA	SERE	ISSE
Lauritzen	Peter	Kaas	Eigil	University of Co penhagen	Copenhagen	DNK	SERE/ESSL	ASP/CGD	
Lauritzen	Peter	Lindberg	Karina	Danish Meteoro logical Institute	Copenhagen	DNK	SERE/ESSL	ASP/CGD	
Lauritzen	Peter	Machenhauer	Bennert	Danish Meteoro logical Institute	Copenhagen	DNK	SERE/ESSL	ASP/CGD	

Manso-Sainz	Rafael	Degl'Innocenti	E	Universita` degl i Studi di Firenze	Firenze	ITA	SERE/ESSL ASP/HAO
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Matsunaga	Sou	Izawa	Yusuke	Hokkaido Unive rsity	Hokkaido	JPN	SERE/ESSL ASP/ACD
Matsunaga	Sou	Kawamura	K	Hokkaido Unive rsity	Hokkaido	JPN	SERE/ESSL ASP/ACD
McGinnis	Seth	Bush	Brian	LANL	Los Alamos	NM USA	SERE ISSE
McGinnis	Seth	Muller	Brian	Univ. Colorado	Denver	CO USA	SERE ISSE
McGinnis	Seth	Smith	Joel	Stratus Consulti ng	Boulder	CO USA	SERE ISSE
McGinnis	Seth	Arias	Ernie	Univ. Colorado	Boulder	CO USA	SERE ISSE
McGinnis	Seth	Bounoua	Lahouari	Goddard SFC	Greenbelt	MD USA	SERE ISSE
McGinnis	Seth	Johnson	Sandy	Univ. Denver	Denver	CO USA	SERE ISSE
McGinnis	Seth	Harriss	Rober	HARC	Houston	CO USA	SERE ISSE
Mearns	Linda	Patz	Jonathan	Univ. Wisconsin	Madison	WI USA	SERE ISSE
Mearns	Linda	Leung	Ruby	Pacific Northw est National Laboratory	Richland	WA USA	SERE ISSE
Mearns	Linda	Gutowski	William	Iowa State	Ames	IA USA	SERE ISSE
Mearns	Linda	Arritt	Ray	Iowa State	Ames	IA USA	SERE ISSE
Mearns	Linda	Bader	Dave	Lawrence Liver more National Library	Livermore	CA USA	SERE ISSE
Mearns	Linda	Sloan	Lisa	Univ. California	Santa Cruz	CA USA	SERE ISSE
Mearns	Linda	Roads	John	Scripps	La Jolla	CA USA	SERE ISSE
Mearns	Linda	Duffy	Phillip	Lawrence Liver more National Library	Livermore	CA USA	SERE ISSE
Mearns	Linda	Held	Isaac	Geophysical FI uid Dynamics Laboratory	Princeton	NJ USA	SERE ISSE
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Mearns	Linda	LaPrise	Rene	UQAM	Montreal	CAN	SERE ISSE
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Miller	Kathleen	Webster	D.G.	Univ. Souther n California	Los Angeles	CA USA	SERE ISSE
Miller	Kathleen	Jacques	Peter	Univ. Central FI orida	Orlando	FL USA	SERE ISSE
Miller	Kathleen	Mongrue	Remi	Ifremer / DEM / Centre de Brest	Brest	FRA	SERE ISSE
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Moser	Susanne	White	Dan	Univ. Alaska	Fairbanks	AK USA	SERE ISSE
Moser	Susanne	Shae	Eileen	East-West Cent er	Honolulu	HI USA	SERE ISSE
Moser	Susanne	Frumhoff	Peter	Union of Conce rned Scientists	Cambridge	MA USA	SERE ISSE
Moser	Susanne	Dilling	Lisa	Univ. Colorado	Boulder	CO USA	SERE ISSE
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Pfister	Gabriele	Thompson	Anne	Penn State	Univ. Park	PA USA	SERE/ESSL ASP/ACD
Pfister	Gabriele	Randerson	James	University of Ca lifornia	Irvine	CA USA	SERE/ESSL ASP/ACD
Pfister	Gabriele	Attie	Jean-Luc	Universit� de T oulouse	Toulouse	FRA	SERE/ESSL ASP/ACD
Pfister	Gabriele	Palmer	Paul	University of Le eds	Leeds	GRB	SERE/ESSL ASP/ACD
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Shell	Karen	Soden	Brian	University of Mi ami	Miami	FL USA	SERE/ESSL ASP/CGD
Tebaldi	Claudia	Arblaster	Julie	NCAR and BM RC	Melbourne	AUS	SERE ISSE
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Tebaldi	Claudia	Fowler	Hayley	Univ. Newcastle	Newcastle	UK	SERE ISSE
Tebaldi	Claudia	Harriss	Bob	HARC and NCA R	Houston	TX US	SERE ISSE
Tebaldi	Claudia	Hayhoe	Katharine	Texas Tech	Lubbock	TX US	SERE ISSE
Tebaldi	Claudia	Keim	Barry	Louisiana State Univ.	Baton Rouge	LA US	SERE ISSE

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Tebaldi	Claudia	Santer	Ben	Lawrence Liver more National Labs	Livermore	CA	US	SERE	ISSE
Tebaldi	Claudia	Smith	Richard	Univ. North Car olina	Chapel Hill	NC	US	SERE	ISSE
Tebaldi	Claudia	Smith	Joel	Stratus Consulti ng	Boulder	CO	US	SERE	ISSE
Tebaldi	Claudia	Wilby	Robert	Environmental Agency for England and Wales	London		UK	SERE	ISSE
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VanReken	Timothy	Trout	Bernhardt	Massachusetts I nstitute of Technology	Boston	MA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Ghan	Steven	Pacific Northw est National Laboratory	Richland	WA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Rissman	Tracey	California In stitute of Technology	Pasadena	CA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Elleman	Robert	University of Washington	Seattle	WA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Ferrare	Richard	NASA Langle y Research Center	Hampton	VA	USA	SERE/ESSL	ASP/ACD
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VanReken	Timothy	Flynn	Connor	Pacific Northw est National Laboratory	Richland	WA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Wang	Jian	Brookhaven National Laboratory	Upton	NY	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Ogren	John	NOAA	Boulder	CO	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Hudson	James	Desert Rese arch Institute	Reno	NV	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Jonsson	Hafliði	Naval Postgr aduate School	Monterey	CA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Flagan	Richard	California In stitute of Technology	Pasadena	CA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Seinfeld	John	California In stitute of Technology	Pasadena	CA	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Gasparini	Roberto	Texas A & M University	College Stati on	TX	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Collins	Donald	Texas A & M University	College Stati on	TX	USA	SERE/ESSL	ASP/ACD
VanReken	Timothy	Brechtel	Fred J.	California In stitute of Technology	Pasadena	CA	USA	SERE/ESSL	ASP/ACD
Wilhelmi	Olga	Thomas	Deborah	Univ. Colorado	Denver	CO	USA	SERE	ISSE
Wilhelmi	Olga	Hayes	Michael	Univ. Nebraska	Lincoln	NE	USA	SERE	ISSE
Wilhelmi	Olga	Wilhite	Don	National Droug ht Mitigation Center	Lincoln	NE	USA	SERE	ISSE
Wilhelmi	Olga	Samenow	James	EPA	Washignton	DC	USA	SERE	ISSE
Wilhelmi	Olga	Uejio	Christopher	Univ. Wisconsin	Madison	WI	USA	SERE	ISSE
Wilhelmi	Olga	Fransen	Tanja	NWS	Glasgow	MT	USA	SERE	ISSE
Wilhelmi	Olga	Shipley	Scott	George Mason Univ.	Fairfax	VA	USA	SERE	ISSE
Wilhelmi	Olga	Breman	Joseph	ESRI	Redlands	CA	USA	SERE	ISSE
Wilhelmi	Olga	Maidment	David	Univ. Texas	Austin	TX	USA	SERE	ISSE
Wilhelmi	Olga	van der Wel	Frans	KNMI	De Bilt		NLD	SERE	ISSE
Wilhelmi	Olga	van de Vegte	John	KNMI	De Bilt		NLD	SERE	ISSE
Wilhelmi	Olga	Zaslavski	Ilya	SDSC	San Diego	CA	USA	SERE	ISSE
Wilhelmi	Olga	Rutledge	Glenn	NCDC	Ashville	NC	USA	SERE	ISSE
Wilhelmi	Olga	Nativi	Stefano	Univ. Florence	Florence		ITA	SERE	ISSE
Wilhelmi	Olga	DJokic	Dean	ESRI	Redlands	CA	USA	SERE	ISSE
Ye	Qian	Ban	Raymond	The Weather C hannel	Atlanta	GA	USA	SERE	CCB
Ye	Qian	Barry-Anderson	Linda	Bureau of Mete orology	Melbourne		AUS	SERE	CCB
Ye	Qian	Bian	Hai	Tianjin Meteor ological Bureau	Tianjin		CHN	SERE	CCB
Ye	Qian	Fang	Xiuqi	Beijing Normal Univ.	Beijing		CHN	SERE	CCB
Ye	Qian	Gao	Wei	Colorado State Univ.	Ft. Collins	CO	USA	SERE	CCB
Ye	Qian	Ge	Quansheng	Chinese Acade my of Sciences	Beijing		CHN	SERE	CCB
Ye	Qian	Li	Rubin	China Meteorol ogical Administration	Beijing		CHN	SERE	CCB
Ye	Qian	Li	Taiyu	Chinese Meteor ological Publishing House	Beijing		CHN	SERE	CCB
Ye	Qian	Liu	Sa	China Meteorol ogical Administration	Beijing		CHN	SERE	CCB
Ye	Qian	Liu	Qin	Tsinghua Univ. Publishing House	Beijing		CHN	SERE	CCB
Ye	Qian	Liu	Huizhi	Xinjiang Univ.	Urumqi		CHN	SERE	CCB
Ye	Qian	Liv	Guanghui	Xinjiang Univ.	Urumqi		CHN	SERE	CCB
Ye	Qian	Oberg	Gunilla	Norrkoping Univ .	Norrkoping		SWE	SERE	CCB
Ye	Qian	Pielke Jr.	Roger	Univ. Colorado	Boulder	CO	USA	SERE	CCB
Ye	Qian	Ren	Yuan	Fudan Univ.	Shanghai		CHN	SERE	CCB
Ye	Qian	Tan	Xun	Shanghai Mete orological Bureau	Shanghai		CHN	SERE	CCB
Ye	Qian	Tian	Qing	Beijing Normal Univ.	Beijing		CHN	SERE	CCB
Ye	Qian	Wang	Qian	China Meteorol ogical Administration	Beijing		CHN	SERE	CCB

Ye	Qian	Wang	Xin	China Meteorol ogical Administration	Beijing	CHN	SERE	CCB
Ye	Qian	Wang	Yan	China Meteorol ogical Administration	Beijing	CHN	SERE	CCB
Ye	Qian	Wang	Yuguang	Heilongjiang M eteorological Bureau	Harbin	CHN	SERE	CCB
Ye	Qian	Wang	Yinchun	Beijing Meteor ological Bureau	Beijing	CHN	SERE	CCB
Ye	Qian	Wilks	Julia	Norrkoping Univ .	Norrkoping	SWE	SERE	CCB
Ye	Qian	Zhao	Shensheng	Governors Stat e Univ.	University Park IL	USA	SERE	CCB


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Scientific and Non-scientific Visitors to NCAR ([back to People & Organization](#))

- [Paid Visitors \(Long-term\)](#)
- [Short-term Scientific Visitors](#)
- [Non-supported Visitors](#)

NCAR Hosted 865 Visitors during FY 2006

Length of Visit # Visitors

1 - 7 Days	507
8 - 30 Days	164
31 - 90 Days	98
91 - 180 Days	37
180+ Days	59

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Paid Visitors ([back to Visitors Page](#))

There were 29 Paid Visitors in FY 2006

VISITOR NAME	# DAYS	INSTITUTION	CITY	STATE	COUNTRY	NCAR Group
BAKER, DAVID	19	Princeton University	Princeton	NJ	US	CGD
BAKER, DAVID	59	Princeton University	Princeton	NJ	US	CGD
BAKER, DAVID	128	Princeton University	Princeton	NJ	US	CGD
BAKER, DAVID	147	Princeton University	Princeton	NJ	US	CGD
CHEN, YONGSHENG	324	McGill University	Montreal	-	CA	MMM
COOLEY, DANIEL	254	University of Colorado	Boulder	CO	US	IMAGE
CURCHITSER, ENRIQUE	90	Lamont-Doherty Earth Observatory	Palisades	NY	US	ASP
DRIGNEI, DORIN	313	University of Iowa	Ames	IA	US	IMAGE
FREHLICH, ROD	359	Cooperative Institute for Research in Environmental Sciences	Boulder	CO	US	AAP
FURRER, EVA	312	Unaffiliated			US	IMAGE
GOLDMAN, AARON	359	University of Denver	Denver	CO	US	ACD
GOODRICH, R. KENT	359	University of Colorado	Boulder	CO	US	AAP
GRITSUN, ANDREY	136	Institute of Numerical Mathematics	Moscow	-	RS	CGD
GRUNTFEST, EVE	330	University of Colorado	Colorado Spr ings	CO	US	ISSE
HATIM SHARIF	90	University of Texas	San Antonio	TX	US	ASP
HECK, SHERRI LYNN	90	University of Colorado	Boulder	CO	US	RAF
KHATRI, SUNIL	105	Texas A & M University	College Station	TX	US	ASP
KWON, YOUNG-OH	359	University of Washington	Seattle	WA	US	CGD
LIU, ZHIQUAN	359	China Meteorological Administration		-	CH	MMM

MANDEL, JAN	90	University of Colorado	Denver	CO	US	ASP
MATSUO, TOMOKO	270	State University of New York	Stony Brook	NY	US	IMAGE
NEVISON, CYNTHIA	359	Unaffiliated	Boulder	CO	US	CGD
NOONE, DAVID	104	University of Colorado	Boulder	CO	US	ASP
OBBINK, ELIZABETH AILEEN	51	University of Colorado	Boulder	CO	US	CGD
ROUX, GREGORY	34	Meteo-France	Paris		FR	RAL AD OFC
WARNER, THOMAS T	359	University of Colorado	Boulder	CO	US	NSAP
WINGUTH, ARNE	60	University of Wisconsin	Madison	WI	US	ASP
YIN, JEFFREY H	359	Unaffiliated			US	CGD
ZUIDEMA, PAQUITA	60	University of Miami	Miami	FL	US	ASP

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Short-term Visitors ([back to Visitors Page](#))

There were 458 Short-term Visitors in FY 2006

VISITOR NAME	# DAYS	HOME INSTITUTION	CITY	STATE/COUNTRY	NATURE	NCAR Group
A Hamid, A Hadi	4	University of Malaya	Kuala Lumpur	Malaysia	APN Prototype Workshop	ISSE
Abeykoon, Sarath	4	University of Peradeniya	Peradeniya	Sri Lanka	APN Prototype Workshop	ISSE
Abiodun, Babat unde	2	Iowa State University	Ames	IA	CCSM	CGD
Abiodun, Babat unde	3	Iowa State University	Ames	IA	CCSM	CGD
Adams, Neil	3	Australian Bureau of Meteorology	Hobart	Australia	Antarctic Workshop	MMM
Adeel, Zafar	4	UN University	Hamilton	Canada	APN Prototype Workshop	ISSE
Agustsson, Halfdan	4	Institute for Meteorological Research	Reykjavik	Iceland	WRF-NMM Tutorial	MMM
Alexander, David	5	Rice University	Houston	TX	Fluxtube emergence and evolution in solar active regions	HAO
Alexander, Joan	5	Northwest Research Associates Inc / CoRA	Boulder	CO	Gravity Waves Retreat	TIMES
Alexander, M. Joan	3	Northwest Research Associates	Boulder	CO	DC3 Planning Workshop	TIMES

Alexander, Pedro	4	Universidad de Buenos Aires	Buenos Aires	Argentina	WRF-NMM Tutorial	MMM
Anderson, Don	4	NASA Headquarters	Washington	DC	CCSM	CGD
Andronova, Natalia	3	University of Michigan	Ann Arbor	MI	CCSM	CGD
Archer, Andrew	3	Raytheon Polar Services	Centennial	CO	Antarctic Workshop	MMM
Arias, Ernest	3	University of Colorado	Boulder	CO	Biocomplexity	ISSE
Arkin, Phil	1	University of Maryland	College Park	MD	Warm Season Rainfall Workshop	TIMES
Arritt, Raymond	6	Iowa State University	Ames	IA	NARCCAP	ISSE
Artaxo, Paolo	9	Universidade de So Paulo	So Paulo	Brazil	Water-Biogeosciences Retreat	TIMES
Atlas, Elliot	2	University of Miami	Coral Gables	FL	ACD Ad Hoc Advisory Panel	ACD
Avallone, Linn ea	1	University of Colorado	Boulder	CO	Biogeochemical Cycles	TIMES
Bach, Walter	1	US Army Research Office	Research Triangle	NC	CASES 99 WORKSHOP	MMM
Baer, Ferdinand	3	University of Maryland	College Park	MD	CCSM	CGD
Baker, Ian	4	Colorado State University	Fort Collins	CO	CCSM	CGD
Bala, G	2	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Baltzer, Tom	4	UCAR	Boulder	CO	WRF-NMM Tutorial	MMM
Banta, Bob	1	NOAA	Boulder	CO		MMM
Bardeen, Charles	2	University of Colorado	Boulder	CO	CCSM	CGD
Bardeen, Charles	3	University of Colorado	Boulder	CO	CCSM	CGD
Basley, Ben	1	University of Colorado	Boulder	CO	CASES	MMM
Baum, Howard	3	National Institute of Standards and Technology	Boulder	CO	Hurricane Intensity Research Group	MMM
Berner, Judith	5	European Centre for Medium-Range Weather Forecasts	Reading	United Kingdom	CDP	CGD
Bertram, Timothy	3	University of California	Berkeley	CA	DC3 Planning Workshop	TIMES
Bhattacharjee, Amitava	3	University of New Hampshire	Durham	NH	GTP	IMAGE
Bickel, Peter	5	University of California	Berkeley	CA	GSP	IMAGE
Biello, Joseph	5	University of California	Davis	CA	CSG	MMM
Biercamp, Joachim	3	DKRZ	Hamburg	Germany	-	SCD
Bingham, Derek	2	Simon Fraser University	Burnaby	Canada	IMAGe	IMAGE
Bodeker, Greg	4	NIWA	Lauder	NZ		ACD
Bond, Daniel	4	Howard University	Washington	DC	WRF-NMM Tutorial	MMM
Bos, Khairulma'ini	4	University of Malaya	Kuala Lumpur	Malaysia	APN Prototype Workshop	ISSE
		University of			DC3 Planning	

Bougeault, Philippe	3	Colorado	Boulder	CO	Workshop	TIMES
Branstetter, Marcia	4	Oak Ridge National Laboratory	Oak Ridge	TN	CCSM	CGD
Brauner, Ralf	3	Deutscher Wetterdienst/AWI	Hamburg	Germany	Antarctic Workshop	MMM
Bretherton, Chris	2	University of Washington	Seattle	WA	CCSM	CGD
Bretherton, Chris	3	University of Washington	Seattle	WA	CCSM	CGD
Br�to, Daniel	5	Centre National de la Recherche Scientifique	Paris	-	France	IMAGE
Bromwich, David	3	Ohio State University	Columbus	Ohio	Antarctic Workshop	MMM
Brooks, Paul	6	University of Arizona	Tucson	AZ	Water-Biogeosciences Retreat	TIMES
Brown, John M.	4	NOAA	Boulder	CO	WRF-NMM Tutorial	MMM
Brune, William	2	Pennsylvania State University	University Park	PA	ACD Ad Hoc Advisory Panel	ACD
Brune, William	3	ECMWF	Reading	United Kingdom	DC3 Planning Workshop	TIMES
Busalacchi, Antonio	3	University of Maryland	College Park	MD	Water-Biogeosciences Retreat	TIMES
Cai, Ming	4	Florida State University	Tallahassee	FL	GLOBAL MODELING	ACD
Calvert, Jack	4	Unaffiliated	Knoxville	TN	LAB KIN	ACD
Cameron-Smith, Philip	2	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Cameron-Smith, Philip	3	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Carlis, Dana	4	National Weather Service	Honolulu	HI	WRF-NMM Tutorial	MMM
Carlson, Mats	5	University of Oslo	Oslo	Norway	propagation and mixing of MHD	HAO
Cassano, John	3	University of Colorado	Boulder	CO	Antarctic Workshop	MMM
Cavanaugh, Liam	4	University of Colorado	Boulder	CO	AMS	CCB
Caya, Daniel	6	Climate Simulations Group	Montreal	Canada	NARCCAP	ISSE
Cayette, Arthur	3	Space and Naval Warfare Systems Center	North Charleston	SC	Antarctic Workshop	MMM
Cecilia Bitz	2	University of Washington	Seattle	WA	CCSM	CGD
Chaturvedi, Sanjay	4	Panjab University	Chandigarh	India	APN Prototype Workshop	ISSE
Chen, George	2	National Taiwan University	Taipei	TW	MPG	TIMES
Chen, George	5	National Taiwan University	Taipei	TW	MPG	MMM
Chen, Hua	4	University of Maryland	College Park	MD	WRF-NMM Tutorial	MMM
Chen, Shu Hua	3	University of California	Davis	CA	Hurricane Intensity Research Group	MMM
Chen, Shuyi	1	University of Miami	Miami	FL	-	MMM
		Chulalongkorn			APN Prototype	

Chivanno, Suppakorn	4	University	Bangkok	Thailand	Workshop	ISSE
Christelle, Michel	2	Service d'Aero nomie/IPSL	Paris	FR		ACD
Clai, Giulia	3	ENEA	Roma	Italy	Antarctic Works hop	MMM
Clarke, Tony	3	Pennsylvania State University	University Park	PA	DC3 Planning Workshop	TIMES
Cohen, Ron	3	University of Hawaii	Honolulu	HI	DC3 Planning Workshop	TIMES
Colwell, Steve	3	British Antarctic Survey		United Kingdo m	Antarctic Workshop	MMM
Conner, John	3	-	Washington	DC	Antarctic Workshop	MMM
Cooper, Owen	3	University of California	Berkeley	CA	DC3 Planning Workshop	TIMES
Corbard, Thierr y	5	Imperial College London	London	United Kingdo m	Tachocline and ECHO data	HAO
Corbett, John	1	Mud Spring Ge graphers Inc.	Denver	CO	GIS: Delivering GCM output	ISSE
Cotton, William	1	Colorado State University	Fort Collins	CO	Warm Season Rainfall Workshop	TIMES
Covey, Curtis	2	Program for Climate Model Diagnosis and Intercomparison	Livermore	CA	CCSM	CGD
Crawford, Jame s	3	University of Colorado	Boulder	CO	DC3 Planning Workshop	TIMES
Curtis, Natalie	5	University of Texas	San Antonio	TX	M-I Coupling	HAO
Cypra, Thorsten	5	University of Karlsruhe	Karlsruhe	Germany	MDSS	RAL
Czyzyk, Stan	4	NOAA	Las Vegas	NV	WRF-NMM Tutorial	MMM
Dai, Weiping	4	Trinity Consultants	Dallas	TX	WRF-NMM Tutorial	MMM
Davies, Carolin e	4	University of Missouri	Kansas City	MO	POP	ACD
Degouw, Joost	3	NASA Langley Research Center	Hampton	VA	DC3 Planning Workshop	TIMES
Del Fierro, Ramon	4	University of San Carlos	Cebu City	Philippines	APN Prototype Workshop	ISSE
Delsole, Timoty	5	George Mason University	Arlington	VA	USA	IMAGE
Demaria, Mark	3	Colorado State University	Fort Collins	CO	Hurricane Inten sity Research Group	MMM
Dembe, Scott	4	Universities Sp ace Research Association	Kennett Square	PA	WRF-NMM Tut orial	MMM
Dickson, Robert	6	Georgia Institut e of Technology	Atlanta	GA	Water- Biogeosc iences Retreat	TIMES
Dimitris, Mene menlis	2	Jet Propulsion Laboratory	Pasadena	CA	CCSM	CGD
Dinniman, Mic hael	3	Old Dominion University	Norfolk	VA	Antarctic Works hop	MMM
Dionne, Dan	1	IBM Thomas J. Watson Research Center	Boulder	CO	DATA CENTER PROJECT	SCD
Dirmeyer, Paul	1	Georgia Institut e of Technology	Atlanta	GA	Director's office	MMM
Doney, Scott	3	Woods Hole Oc eanographic Institution	Woods Hole	MA	CCSM	CGD

Donner, Leo	3	NOAA/Geophysical Fluid Dynamics Laboratory	Princeton	NJ	CCSM	CGD
Donner, Leo	3	NOAA/Geophysical Fluid Dynamics Laboratory	Princeton	NJ	CCSM	CGD
Donohue, Casey	3	AS&M, Inc./ NASA Dryden Flight Research Center	Edwards AFB	CA	Antarctic Workshop	MMM
Dornbrack, Andreas	11	DLR Oberpfaffenhofen	München	GM	Gravity Waves Retreat	TIMES
Dowell, David	4	National Severe Storms Lab	Norman	OK	MMDG	MMM
Doyle, James	6	Naval Research Lab	Monterey	CA	Gravity Waves Retreat	TIMES
Duffy, Philip	6	Lawrence Livermore National Laboratory	Livermore	CA	NARCCAP	ISSE
Dunkerton, Timothy	3	NOAA/ERL	Silver Springs	MD	DC3 Planning Workshop	TIMES
Dunkerton, Timothy	18	NorthWest Research Associates Inc / CoRA	Boulder	CO	Gravity Waves Retreat	TIMES
Durnota, Bohdan	4	Tjurunga Pty Ltd	Narrabundah	Australia	APN Prototype Workshop	ISSE
Dykema, John	4	Harvard University	Cambridge	MA	CMS	CGD
Eckerman, Stephen	15	Naval Research Lab	Monterey	CA	Gravity Waves Retreat	TIMES
Ed Andreas	2	Cold Regions Research Laboratory	Hanover	NH	CCSM	CGD
Edele, Ken	3	SSCC Charleston SC	North Charleston	SC	Antarctic Workshop	MMM
Eggert, Ken	2	Los Alamos National Laboratory	Los Alamos	NM	CCSM	CGD
Elizabeth Hunkeler	2	Los Alamos National Laboratory	Los Alamos	NM	CCSM	CGD
Elliott, Scott	2	Los Alamos National Laboratory	Los Alamos	NM	CCSM	CGD
Elsberry, Russ	3	Naval Postgraduate School	Monterey	CA	Hurricane Intensity Research Group	MMM
Erickson, Dave	3	Oak Ridge National Laboratory	Oak Ridge	TN	CCSM	CGD
Erickson, Dave	3	Oak Ridge National Laboratory	Oak Ridge	TN	CCSM	CGD
Erwig, Martin	2	Oregon State University	Corvallis	OR	CSS	SCD
Evans, Clark	4	Florida State University	Tallahassee	FL	WRF-NMM Tutorial	MMM
Fahey, David	2	NOAA	Boulder	CO	ACD Ad Hoc Advisory Panel	ACD
Fakhruddin, S. H. M.	4	Asian Disaster Preparedness Center	Pathumthani	Thailand	APN Prototype Workshop	ISSE
Fedorovich, Evgeni	2	University of Oklahoma	Norman	OK	BLTG	MMM
Fendell, Frank	3	Northrop Grumman Corporation	Los Angeles	CA	Hurricane Intensity Research Group	MMM
Finnigan, John	3	University of Wisconsin	Madison	WI	DC3 Planning Workshop	TIMES
Fogt, Ryan	3	Ohio State University	Columbus	OH	Antarctic	MMM

		versity			Works hop	
Fritt, David	5	Colorado Research Associates	Boulder	CO	Gravity Waves Retreat	TIMES
Frodge, Jim	3	Space and Naval Warfare Systems Center/SYS Charleston	Charleston	SC	Antarctic Works hop	MMM
Froehlich, David	4	Woolpert, Inc.	Columbia	SC	WRF-NMM Tutorial	MMM
Fu, Rong	6	Georgia Institute of Technology	Atlanta	GA	Water-Biogeosciences Retreat	TIMES
Fuentes, Montserrat	3	North Carolina State University	Raleigh	NC	GSP	IMAGE
Fung, Inez	8	University of California	Berkeley	CA	CCSM	CGD
Gage, Kenneth	5	NOAA Earth System Research Laboratory	Boulder	CO	Gravity Waves Retreat	TIMES
Gahn, Steve	3	NorthWest Research Associates	Boulder	CO	DC3 Planning Workshop	TIMES
Galarneau, Thomas	3	State University of New York	Stony Brook	NY	BAMEX	MMM
Gallos, Marilou	4	University of San Carlos	Cebu City	Philippines	APN Prototype Workshop	ISSE
Garener, Chester	6	University of Illinois	Urbana	IL	Gravity Waves Retreat	TIMES
Garrett, Tim	3	National Science Foundation	Arlington	VA	DC3 Planning Workshop	TIMES
Geller, Marvin	11	Stony Brook University	Stony Brook	NY	Gravity Waves Retreat	TIMES
Gentili, Umberto	3	ENEA	Roma	Italy	Antarctic Works hop	MMM
Gershon, David	4	Empowerment Institute	Woodstock	NY	CLIMATE CHANGE	ISSE
Ghan, Steven J	3	Pacific Northwest National Laboratory	Richland	WA	CCSM	CGD
Ghan, Steven J	3	Pacific Northwest National Laboratory	Richland	WA	CCSM	CGD
Gkioulekas, Eleftherios	4	University of Washington	Seattle	WA	GTP	IMAGE
Goteti, Gopi	2	Georgia Institute of Technology	Atlanta	GA	CCSM	CGD
Grasso, Louis	3	Colorado State University	Fort Collins	CO	Hurricane Intensity Research Group	MMM
Grell, Georg	3	Pacific Northwest National Laboratory	Richland	WA	DC3 Planning Workshop	TIMES
Gritsun, Andrey	7	Russian Academy of Sciences	Moscow	Russia	CDP	CGD
Guibert, Greg	4	University of Colorado	Boulder	CO	APN Prototype Workshop	ISSE
Gutowski, Bill	6	Iowa State University	Ames	IA	NARCCAP	ISSE
Hall, Alex	2	University of California	Los Angeles	CA	CCSM	CGD
Halliday, Kyle	3	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Hamilton, Kevin	19	University of Hawaii	Honolulu	HI	Gravity Waves Retreat	TIMES

Hammermeister , Edgar	3	SCCA	Alameda	Canada	SOCCR	HAIPER
Hansteen, Vigg o	5	Univeristy of Os lo	Oslo	Norway	propagation an d mod-mixing of MHD	HAO
Hawkins, James	4	Planning Syste ms, Inc	Slidell	LA	Collaboration	MMM
Heald, Colette	3	University of Ca lifornia	Berkeley	CA	CCSM	CGD
Heald, Colette	3	University of Ca lifornia	Berkeley	CA	CCSM	CGD
Hecht, Matthew	3	Los Alamos Nat ional Laboratory	Los Alamos	NM	OCEANOGRAP HY	CGD
Hegglin, Micha ela	2	University of To ronto	Toronto	CA		ACD
Heikes, Ross	3	Colorado State University	Fort Collins	CO	CCSM	CGD
Heim, Joseph	4	NOAA/NWS	Wilmington	OH	WRF-NMM Tut orial	MMM
Helga Schaffrin	2	University of W ashington	Seattle	WA	CCSM	CGD
Helsdon, John	3	University of Utah	Salt Lake City	UT	DC3 Planning Workshop	TIMES
Hennig, Rolf	3	Space and Nav al Warfare Systems Center/ Polar Programs Operations	Summerville	SC	Antarctic Works hop	MMM
Henry, Colleen	4	Purdue Universi ty	West Lafayette	IN	PMG	MMM
Henson, Willia m	1	McGill University	Montreal	Canada	Warm Season Rainfall Workshop	TIMES
Herman, Julie	4	Unaffiliated	N/A	N/A	Galveston Futur es Project	ISSE
Hicke, Jeff	3	Colorado State University	Fort Collins	CO	CCSM	CGD
Higdon, David	3	Los Alamos Nat ional Laboratory	Los Alamos	NM	GSP	IMAGE
Hill, Kathie	3	Raytheon Polar Services	Centennial	CO	Antarctic Works hop	MMM
Hoffman, Forres t	3	Oak Ridge Nati onal Laboratory	Oak Ridge	TN	CCSM	CGD
Hoffman, Forres t	4	Oak Ridge Nati onal Laboratory	Oak Ridge	TN	CCSM	CGD
Hong, Song-Yo u	12	Yonsei Universit y	Seoul	Korea	Collaboration	MMM
Houser, Paul	6	George Mason Unviersity	Calverton	MD	Water- Biogeosc iences Retreat	TIMES
Howell, Steve	3	University of Colorado	Boulder	CO	DC3 Planning Workshop	TIMES
Huey, Greg	3	South Dakota School of Mines & Technology	Rapid City	SD	DC3 Planning Workshop	TIMES
Hunter, Ian	5	South African Weather Service	Pretoria	South Africa	Antarctic Works hop	MMM
Jaccard, Mark	4	Simon Fraser U niversity	Burnaby	Canada	SOCCR	HAIPER
Jacques, Peter	4	University of Ce ntral Florida	Orlando	FL	Marine Fish Pro ject	ISSE
Jain, Atul	3	University of Illi nois	Urbana	IL	CCSM	CGD
Jiang, Qingfan g	4	Naval Research Laboratory	Monterey	CA	CSG	MMM
Jimenez, Jose- Luis	3	University of Hawaii	Honolulu	HI	DC3 Planning Workshop	TIMES

Joel Finnis	2	CIRES	Boulder	CO	CCSM	CGD
John Chiang	2	University of California	Berkeley	CA	CCSM	CGD
John Weatherly	2	Cold Regions Research Laboratory	Hanover	NH	CCSM	CGD
Jost, Anne	3	NOAA/ESRL and University of Colorado	Boulder	CO	DC3 Planning Workshop	TIMES
Jun, Mikyoung	5	Texas A&M University	College Station	Tx	GSP	IMAGE
Justin Wettstein	2	University of Washington	Seattle	WA	CCSM	CGD
Karlsson, Johannes	3	Stockholm University	Stockholm	Sweden	CCSM	CGD
Kasibhatla, Prasad	5	Duke University	Durham	NC	-	CGD
Keenan, Tom	1	Bureau of Meteorology Research Center	Melbourne	Australia	Warm Season Rainfall Workshop	TIMES
Kelly, Bob	1	IBM Thomas J. Watson Research Center	Boulder	CO	DATA CENTER PROJECT	SCD
Kerce, Clayton	3	Propagation Research Associates	Marietta	GA	WRF-NMM Tutorial	MMM
Kesarkar, Amit Parashuram	4	Pune University	Maharashtra	India	CSS	SCD
Kiley, Christopher	6	Florida State University	Tallahassee	FL	MOPITT	ACD
Kirk-Davidoff, Daniel	4	University of Maryland	College Park	MD	CCR	CGD
Klein, Steve	3	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Klein, Steve	3	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Knaff, John	3	Colorado State University	Fort Collins	CO	Hurricane Intensity Research Group	MMM
Knuth, Shelley	3	University of Wisconsin	Madison	WI	Antarctic Workshop	MMM
Konor, Celal	3	Colorado State University	Fort Collins	CO	CCSM	CGD
Krasny, Roberty	5	University of Michigan	Ann Arbor	MI	USA	IMAGE
Krehbiel, Paul	3	University of Colorado	Boulder	CO	DC3 Planning Workshop	TIMES
Krishnamurti, Tiruvalem	4	Florida State University	Tallahassee	FL	Hurricane Intensity Research Group	MMM
Kulchitsky, Anton	5	University of Alaska	Fairbanks	AK	Coupling NCAR TGCs with the UA ionospheric regional models	HAO
Kummerow, Christian	3	Southwest Sciences	Santa Fe	NM	DC3 Planning Workshop	TIMES
Lacasse, Katherine	3	University of Alabama	Huntsville	AL	WRF-NMM Tutorial	MMM
Lamb, Brian	6	Washington State University	Pullman	WA	Water-Biogeosciences Retreat	TIMES
Lane, Todd	11	University of Melbourne	Melbourne	Australia	Gravity Waves Retreat	TIMES

Lang, Timothy	3	Universite Pierre et Marie Curie	Paris	France	DC3 Planning Workshop	TIMES
Langford, Andy	3	New Mexico Institute of Mining and Technology	Socorro	NM	DC3 Planning Workshop	TIMES
Laprise, Rene	6	Université du Québec à Montréal	Montreal	Canada	NARCCAP	ISSE
Lara, Luciene	9	Universidade de São Paulo	São Paulo	Brazil	Water-Biogeosciences Retreat	TIMES
Larsen, Miguel	5	Clemson University	Clemson	SC	AMIE Analysis	HAO
Larson, Vince	3	University of Wisconsin	Milwaukee	WI	CCSM	CGD
Larson, Vince	3	University of Wisconsin	Milwaukee	WI	CCSM	CGD
Lathrop, Daniel	3	University of Maryland	College Park	MD	GTP	IMAGE
Lawrence, Peter	3	University of Colorado	Boulder	CO	CCSM	CGD
Lawrence, Peter	3	University of Colorado	Boulder	CO	CCSM	CGD
Lawrence, Peter	4	University of Colorado	Boulder	CO	CCSM	CGD
Lazzara, Matthew	4	University of Wisconsin	Madison	WI	Antarctic Workshop	MMM
Leah Necas	2	University of California	Irvine	CA	CCSM	CGD
Lebost, Christine	5	Meteo-France	Cedex	France	ICING	RAL
Lee, Herbert	4	University of Southern California	Santa Cruz	CA	GSP	IMAGE
Lee, Jeong-Soon	4	Kangnung National University	Gangneung City	South Korea	WRF-NMM Tutorial	MMM
Lemarie, Florian	2	University of Grenoble	Grenoble	France	OS	CGD
Leung, L	2	Pacific Northwest National Laboratory	Richland	WA	MPG	MMM
Leung, Lai-Yung	2	Pacific Northwest National Laboratory	Richland	WA	MPG	MMM
Leung, Lai-Yung	3	Pacific Northwest National Laboratory	Richland	WA	MPG	MMM
Leung, Ruby	6	Pacific Northwest National Laboratory	Richland	WA	NARCCAP	ISSE
Levizzani, Vincenzo	1	Consiglio Nazionale delle Ricerche	Pisa	Italy	Warm Season Rainfall Workshop	TIMES
Lewandowski, Jan	2	USDA Global Change Program Office	Washington	DC	SOCCR	HAIPER
Li, Camille	2	University of Washington	Seattle	WA	CCSM	CGD
Li, Tim	3	University of Hawaii	Honolulu	HI	DAG	MMM
Light, Bonnie	2	University of Washington	Seattle	WA	CCSM	CGD
Lin, Shian-Jian	3	NOAA/Geophysical Fluid Dynamics Laboratory	Princeton	NJ	CCSM	CGD
Lin, Shian-Jian	3	NOAA/Geophysical Fluid Dynamics Laboratory	Princeton	NJ	CCSM	CGD

Lipscomb, Bill	2	Los Alamos National Laboratory	Los Alamos	NM	CCSM	CGD
Liu, Hongyu	3	National Institute of Aerospace (NIA)	Hampton	VA	CCSM	CGD
Liu, Xiaohong	3	Pacific Northwest National Laboratory	Richland	WA	CCSM	CGD
Liu, Xiaohong	3	Pacific Northwest National Laboratory	Richland	WA	CCSM	CGD
Liz Cassano	2	CIRES	Boulder	CO	CCSM	CGD
Lu, Lixin	2	Colorado State University	Fort Collins	CO	CCSM	CGD
Lynds, Roger	3	National Optical Astronomy Observatories	Tucson	AZ	Antarctic Workshop	MMM
Macayeal, Douglas	3	University of Chicago	Chicago	IL	Antarctic Workshop	MMM
Macdonald, Sandy	3	NOAA	Boulder	CO	Hurricane Intensity Research Group	MMM
Macgorman, Don	3	Colorado State University	Fort Collins	CO	DC3 Planning Workshop	TIMES
Maclay, Kate	3	Colorado State University	Fort Collins	CO	Hurricane Intensity Research Group	MMM
Maidment, David	3	Purdue University	West Lafayette	IN	DC3 Planning Workshop	TIMES
Mak, John	4	State University of New York	Stony Brook	NY	Global Modeling	ACD
Malanotte-Rizzoli, Paola	3	Massachusetts Institute of Technology	Cambridge	MA	Oceanography	CGD
Malanotte-Rizzoli, Paola	4	Massachusetts Institute of Technology	Cambridge	MA	Oceanography	CGD
Maloney, Eric	3	Oregon State University	Corvallis	OR	CCSM	CGD
Maloney, Eric	3	Oregon State University	Corvallis	OR	CCSM	CGD
Marans, Robert	2	University of Michigan	Ann Arbor	MI	Biocomplexity	ISSE
Marks, Frank	2	NOAA	Boulder	CO	Hurricane Intensity Research Group	MMM
Masters, Dallas	2	University of Colorado	Boulder	CO	MOPITT	ACD
Maurits, Sergi	5	University of Alaska	Fairbanks	AK	Coupling NCAR TGCMS with the UA ionospheric regional models	HAO
May, Peter	4	Bureau of Meteorology Research Center	Melbourne	Australia	DO	MMM
Mccarl, Bruce	3	Texas A&M University	College Station	TX	SOCCR	ISSE
McClinton, Blair	5	Saskatchewan Soil Conservation Association	Indian Head	Canada	SOCCR	HAIPER
Mcewen, Bryan	1	SENES Consulting Ltd.	Vancouver	Canada	WRF-NMM Tutorial	MMM

McMurry, Peter	1	University of Minnesota	Minneapolis	MN		ACD
Meillier, Yannic k	1	University of Colorado	Boulder	CO		MMM
Merrell, William	4	Unaffiliated	Galveston	TX	Galveston Futures Project	ISSE
Michaelides, Si las	3	Cyprus Meteorological Services	Nicosia	Cyprus	MPG	MMM
Mike Anderson	2	NOAA	Boulder	CO	CCSM	CGD
Milford, Jana	9	University of Colorado	Boulder	CO	Water-Biogeochemical Sciences Retreat	TIMES
Miller, David	2	Iowa Farm Bureau	Des Moines	IA	SOCCR	HAIPER
Mingrui Dai	2	CIRES	Boulder	CO	CCSM	CGD
Mirin, Art	3	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Mirin, Art	3	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Mitchell, David	3	University of Nevada/DRI	Reno	NV	CCSM	CGD
Mitchell, David	3	University of Nevada/DRI	Reno	NV	CCSM	CGD
Monahan, Kathleen	3	University of Canterbury	Christchurch	NZ		ACD
Montgomery, Mike	2	Colorado State University	Fort Collins	CO	Hurricane Intensity Research Group	MMM
Moore, David	4	University of Illinois	Urbana	IL	-	CGD
Moore, Keith J	3	University of California	Irvine	CA	CCSM	CGD
Moufouma, Wil fra	6	Met Office Hadley Centre	Exeter	United Kingdom	NARCCAP	ISSE
Mullen, Steve	5	University of Arizona	Tucson	AZ	THORPEX	TIMES
Mullendore, Gretchen	3	Colorado State University	Fort Collins	CO	DC3 Planning Workshop	TIMES
Muller, Brian	3	University of Colorado	Boulder	CO	Biocomplexity	ISSE
Muller, Brian	4	University of Colorado	Boulder	CO	Galveston Futures Project	ISSE
Murtugudde, Ragu	5	University of Maryland	College Park	MD	OS	CGD
Musgrave, Kate	5	Colorado State University	Fort Collins	CO	PDG	MMM
Nah Hsu, Lee	4	IDRC	Ottawa	Canada	APN Prototype Workshop	ISSE
Nappo, Carmen	3	Unaffiliated	Oak Ridge	TN	CASES	MMM
Nat Johnson	2	Pennsylvania State University	University Park	PA	CCSM	CGD
Neff, William	4	NOAA	Boulder	CO	Antarctic Workshop	MMM
Nelson, Seaman	4	National Weather Service	Camp Springs	MD	-	MMM
Nenes, Athanasios	7	Georgia Institute of Technology	Atlanta	GA		ACD
Nesbitt, Steve	1	Colorado State University	Fort Collins	CO	Warm Season Rainfall Workshop	TIMES
		Colorado State			WRF-NMM Tutorial	

Nesbitt, Steve	4	University	Fort Collins	CO	orial	MMM
Neu, Jessica	4	University of California	Irvine	CA	CCSM	CGD
Nigam, Sumant	3	Yale University	New Haven	CT	DC3 Planning Workshop	TIMES
Norris, Joel	3	Scripps Institution of Oceanography	La Jolla	CA	CCSM	CGD
Norris, Joel	3	Scripps Institution of Oceanography	La Jolla	CA	CCSM	CGD
Ola Persson	2	CIRES	Boulder	CO	CCSM	CGD
Orf, Leigh	3	Central Michigan University	Pleasant	MI	WRF-NMM Tutorial	MMM
Panetta, Lee	5	Texas A&M University	College Station	TX	CDP	CGD
Panturat, Suwanna	4	Srinakharinwirot University	Bangkok	Thailand	APN Prototype Workshop	ISSE
Panuelas, Joseph	8	Universitat Autònoma de Barcelona	Barcelona	Spain	Water-Biogeochemical Sciences Retreat	TIMES
Paquita Zuidema	2	University of Miami	Miami	FL	CCSM	CGD
Parish, Thomas	3	University of Wyoming	Laramie	WY	Antarctic Workshop	MMM
Parker, Matthew	1	North Carolina State University	Raleigh	NC	Warm Season Rainfall Workshop	TIMES
Paulson, Adam	3	1850 Bassett St #631	Denver	CO	Biocomplexity	ISSE
Pellegrini, Andrea	3	Programma Nazionale di Ricerche in Antartide	Rome	Italy	Antarctic Workshop	MMM
Pena, Kathryn	1	IBM Thomas J. Watson Research Center	Boulder	CO	DATA CENTER PROJECT	SCD
Pena, Naomi	3	Pew Center on Global Climate Change	Arlington	VA	SOCCR	HAIPER
Persson, Ola	2	CIRES/NOAA/ESRL	Boulder	CO	Antarctic Workshop	MMM
Petersen, Walter	3	NOAA/ESRL	Boulder	CO	DC3 Planning Workshop	TIMES
Peters-Lidard, Christa	8	NASA	Greenbelt	MD	Water-Biogeochemical Sciences Retreat	TIMES
Peterson, Thomas	2	Pennsylvania State University	University Park	PA	SOCCR	HAIPER
Pi, Xiaoping	2	Jet Propulsion Laboratory	Palo Alto	CA	Magnetic effects of ionospheric currents	HAO
Piaczek, Steve	1	U.S. NAVY	Stennis	MS	CLOUD SYSTEM GROUP	MMM
Pichugina, Yelena	3	NOAA	Boulder	CO	CASES 99 WORKSHOP	MMM
Pickering, Kenneth	3	NOAA/NSSL	Norman	OK	DC3 Planning Workshop	TIMES
Pielke, Roger	3	University of Colorado	Boulder	CO	Hurricane Intensity Research Group	MMM
Pietrafesa, Len	4	North Carolina State University	Raleigh	NC	Hurricane Intensity Research Group	MMM
Pignotti, Angela	5	University of California	Santa Cruz	CA	GSP	IMAGE

			lifornia				
Pincus, Robert	3	NOAA Earth System Research Laboratory	Boulder	CO	CCSM	CGD	
Pincus, Robert	3	NOAA Earth System Research Laboratory	Boulder	CO	CCSM	CGD	
Post, Mac	3	Oak Ridge National Laboratory	Oak Ridge	TN	CCSM	CGD	
Poulsen, Chris	2	University of Southern California	Los Angeles	CA	CCR	CGD	
Powell, Tom	4	University of California	Berkeley	CA	OCEANOGRAPHY	CGD	
Powell, Tom	4	University of California	Berkeley	CA	OCEANOGRAPHY	CGD	
Powell, Tom	4	University of California	Berkeley	CA	Oceanography	CGD	
Powell, Tom	4	University of California	Berkeley	CA	OCEANOGRAPHY	CGD	
Powell, Tom	5	University of California	Berkeley	CA	Oceanography	CGD	
Primeau, Francois	3	University of California	Livermore	CA	CCSM	CGD	
Primeau, Francois	4	University of California	Irvine	CA	CCSM	CGD	
Qiang, Liu	4	-	Beijing	China	APN Prototype Workshop	ISSE	
Quang Kim, Nguyen	4	Water Resource Mgmt.	Ho Chi Minh City	Vietnam	APN Prototype Workshop	ISSE	
Ramasamy, Jagannathan	4	Tamil Nadu Agricultural University	Coimbatore	India	WRF-NMM Tutorial	MMM	
Ramaswamy, Selvaraju	4	Asian Disaster Preparedness Center	Pathumthani	Thailand	APN Prototype Workshop	ISSE	
Ramthun, Hans	3	DKRZ	Hamburg	Germany	-	SCD	
Randall, Dave	3	Colorado State University	Fort Collins	CO	CCSM	CGD	
Randall, Dave	3	Colorado State University	Fort Collins	CO	CCSM	CGD	
Randerson, Jim	3	University of California	Irvine	CA	CCSM	CGD	
Reardon, Kevin	4	Arcetri Astrophysical Observatory	Firenze	Italy	Imaging Bidimensional Spectrograph	HAO	
Reddy, Sirisha	3	Propagation Research Associates	Marietta	GA	WRF-NMM Tutorial	MMM	
Redinger, Robert	4	Columbia Scientific Balloon Facility	Palestine	TX	Antarctic Workshop	MMM	
Remedio, Elizabeth	4	University of San Carlos	Cebu City	Philippines	APN Prototype Workshop	ISSE	
Ren, Yuan	4	Fudan University	Shanghai	China	APN Prototype Workshop	ISSE	
Repa, Edward	2	Environmental Programs	Washington	DC	SOCCR	HAIPER	
Riemenschneider, Ulrike	5	Woods Hole Oceanographic Institution	Woods Hole	MA	OCEANOGRAPHY	CGD	
Roads, John	6	University of California	La Jolla	CA	NARCCAP	SCD	
Roberts, Paul	5	University of California	Los Angeles	CA	USA	IMAGE	
Rodriguez, Jose	3	NASA Goddard Space Flight Center	Greenbelt	MD	CCSM	CGD	

Rogers, Robert	4	NOAA	Miami	FL	WRF-NMM Tutorial	MMM
Rognvaldsson, Olafur	4	Institute for Meteorological Research	Reykjavik	Iceland	WRF-NMM Tutorial	MMM
Rondanelli, Roberto	4	Massachusetts Institute of Technology	Cambridge	MA	WRF-NMM Tutorial	MMM
Rosenhauer, Matthias	3	DKRZ	Hamburg	Germany	-	SCD
Running, Steve	3	University of Montana	Missoula	MT	CCSM	CGD
Sarr, Abdoulaye	3	DMN-Senegal	Dakar-Yoff	Senegal	WRF-NMM Tutorial	MMM
Schaefer, Kevin	4	NOAA/GMD	Germantown	MD	CCSM	CGD
Schlosser, Elisabeth	4	University of Innsbruck	Innsbruck	Austria	Antarctic Workshop	MMM
Schmidt, David	1	IBM Thomas J. Watson Research Center	Boulder	CO	DATA CENTER PROJECT	SCD
Schneider, Eric	3	University of Illinois	Urbana	IL	WRF-NMM Tutorial	MMM
Schubert, Wayne	3	Colorado State University	Fort Collins	CO	Hurricane Intensity Research Group	MMM
Schulte, Stacy	3	-	Boulder	CO	FOCUS GROUP ON "HOUSEHOLD WILDLIFE RISK SURVEY"	ISSE
Seefeldt, Mark	4	University of Colorado	Boulder	CO	Antarctic Workshop	MMM
Shaikh, Muhammad J	3	Georgia Institute of Technology	Atlanta	GA	CCSM	CGD
Sharom, Azmi	4	University of Malaya	Kuala Lumpur	Malaysia	APN Prototype Workshop	ISSE
Sharp, Justin	4	PPM Energy	Portland	OR	WRF-NMM Tutorial	MMM
Shepherd, Theodore	7	University of Toronto	Toronto	Canada	Gravity Waves Retreat	TIMES
Simoes, Jefferson	6	University Federal do Rio Grande do Sul	Porto Alegre	Brazil		CGD
Simoes, Jefferson	6	University Federal do Rio Grande do Sul	Porto Alegre	Brazil		CGD
Sims, James	3	NOAA/Howard University	Landover Hills	MD	WRF-NMM Tutorial	MMM
Si-Wan, Kim	3	Georgia Institute of Technology	Atlanta	GA	DC3 Planning Workshop	TIMES
Slater, Andrew	3	Cooperative Institute for Research in Environmental Sciences	Boulder	CO	CCSM	CGD
Sloan, Lisa	6	University of California	Santa Cruz	CA	NARCCAP	ISSE
Smith, Gordon	3	Environmental Research Trust	Seattle	WA	SOCCR	HAIPER
Smith, Ronald	3	University of Denver	Denver	CO	DC3 Planning Workshop	TIMES
Smith, Ronald	17	Yale University	New Haven	CT	Gravity Waves Retreat	TIMES
Smith, Steven J	3	University of Maryland	College Park	MD	CAS	CGD
Smits, Neil	4	Colorado State University	Fort Collins	CO	CCSM	CGD

Snidvongs, Ano nd	4	Chulalongkorn University	Bangkok	Thailand	APN Prototype Workshop	ISSE
Snow, John	3	University of Oklahoma	Norman	OK	Hurricane Intensity Research Group	MMM
Solomon, Susan	4	NOAA	Boulder	CO	Antarctic Workshop	MMM
Sparling, Lynn	3	University of Maryland	Baltimore	MD	WRF-NMM Tutorial	MMM
Spotz, Bill	3	Sandia National Laboratory	Albuquerque	NM	CCSM	CGD
Stanford, John	3	Iowa State University	Ames	IA	DATA ANALYSIS ASSIMILATION	ACD
Stapleton, Sarah	4	University of Colorado	Boulder	CO	APN Prototype Workshop	ISSE
Stearns, Charles	3	University of Wisconsin	Madison	WI	Antarctic Workshop	MMM
Steinhoff, Dan	3	Byrd Polar Research Center / Ohio State University	Columbus	OH	Antarctic Workshop	MMM
Steve Vavrus	2	University of Wisconsin	Madison	WI	CCSM	CGD
Stockli, Reto	4	Colorado State University	Fort Collins	CO	CCSM	CGD
Straka III, William	3	Space Science and Engineering Center/Cooperative Institute for Meteorological Satellite Studies	Madison	WI	Antarctic Workshop	MMM
Summers, Sara	2	NOAA	Boulder	CO	Hurricane Intensity Research Group	MMM
Sun, Ruiyu	3	University of Utah	Salt Lake City	UT	-	MMM
Sutherland, Alexander	1	National Science Foundation	Arlington	VA	Antarctic Workshop	MMM
Sutton, Mark	13	Centre for Ecology & Hydrology	Edinburgh	United Kingdom	Water-Biogeochemicals Retreat	TIMES
Svensson, Gunilla	1	NOAA	Boulder	CO	CASES 99 WORKSHOP	MMM
Svensson, Gunilla	3	CIRES/University of Colorado	Boulder	CO	CCSM	CGD
Swanston, Christopher	3	Lawrence Livermore National Laboratory	Livermore	CA	CCSM	CGD
Synte Peacock	2	University of Chicago	Chicago	IL	CCSM	CGD
Tambunchong, Chinda	4	Srinakharinwirot University	Bangkok	Thailand	APN Prototype Workshop	ISSE
Tessendorf, Sarah	1	Colorado State University	Fort Collins	CO	-	MMM
Thanh Tung, Hoang	4	Water Resource Mgmt.	Hanoi	Vietnam	APN Prototype Workshop	ISSE
Theriault, Julie	5	McGill University	Montreal	Canada	-	RAL
Theurich, Gerhard	4	NASA Goddard Space Flight Center	Greenbelt	MD	ESMF	SCD
Thompson, Anne	2	Pennsylvania State University	University Park	PA	ACD Ad Hoc Advisory Panel	ACD
Tjernstrom, Michael	4	NOAA	Boulder	CO	CASES 99 WORKSHOP	MMM

						RKSHOP	
Todd Arbetter	2	CIRES	Boulder	CO	CCSM	CGD	
Toohey, Darin	3	University of Texas	Austin	TX	DC3 Planning Workshop	TIMES	
Toon, Brian	3	University of Colorado	Boulder	CO	CCSM	CGD	
Trahan, Sam	3	University of Maryland	Baltimore County	MD	WRF-NMM Tutorial	MMM	
Trainer, Michael	2	NOAA	Boulder	CO	ACD Ad Hoc Advisory Panel	ACD	
Tremblay, Bruno	2	Lamont Doherty Central Research Institute of Electric Power Industry	New York Abiko	NY	CCSM	CGD	
Tsumune, Daisuke	5	Abiko		Japan	Oceanography	CGD	
Tulich, Stefan	5	University of Colorado	Boulder	CO	THORPEX	TIMES	
Tung, Wen-Wei	3	University of California	Los Angeles	CA	DC3 Planning Workshop	TIMES	
Turnbull, Ian	1	University of Chicago	Chicago	IL	Antarctic Workshop	MMM	
Tymvios, Filippos	3	Cyprus Meteorological Services	Larnaka	Cyprus	MPG	MMM	
Vandiver, Bill	3	Space and Naval Warfare Systems Center	North Charleston	SC	Antarctic Workshop	MMM	
Vehorn, Robert	4	Space and Naval Warfare Systems Center	North Charleston	SC	Antarctic Workshop	MMM	
Vigh, Jonathan	3	Colorado State University	Fort Collins	CO	WRF-NMM Tutorial	MMM	
Vigh, Jonathan	5	Colorado State University	Fort Collins	CO	Hurricane Intensity Research Group	MMM	
Vincent, Robert	15	University of Adelaide	Adelaide	Australia	Gravity Waves Retreat	TIMES	
Vivoni, Enrique	4	New Mexico Institute of Mining and Technology	Socorro	NM	-	RAL	
Wallington, Timothy	4	Ford Motor Company	Dearborn	MI	LAB KIN	ACD	
Wang, Chien	3	Massachusetts Institute of Technology	Cambridge	MA	CCSM	CGD	
Wang, Chung-Chieh	2	National Central University of Taiwan	Taipei	Taiwan	MPG	MMM	
Wang, Chung-Chieh	2	National Taiwan University	Taipei	Taiwan		TIMES	
Wang, Pao	3	University of Maryland	College Park	MD	DC3 Planning Workshop	TIMES	
Ward, Jim	1	IBM Thomas J. Watson Research Center	Boulder	CO	DATA CENTER PROJECT	SCD	
Warn-Varnas, Alex	3	U.S. NAVY	Stennis	MS	CLOUD SYSTEM GROUP	MMM	
Wasserbach, Kristen	2	1445 Clermont	Denver	CO	Biocomplexity	ISSE	
Webster, Peter	3	Georgia Institute of Technology	Atlanta	GA	Hurricane Intensity Research Group	MMM	
Weidner, George	4	University of Wisconsin	Madison	WI	Antarctic Workshop	MMM	
Wennberg, Paul	2	California Tech	Pasadena	CA	ACD Ad Hoc	ACD	

Wharton, Linda	4	NOAA	Boulder	CO	visory Panel WRF-NMM Tutorial	MMM
Wielke, Lucia- Maria	4	University of Vienna	Vienna	Austria	Mountain Meteorology	EOL
Wilson, Charles	3	University of Alabama	Huntsville	AL	DC3 Planning Workshop	TIMES
Wu, Doug	14	NASA Jet Propulsion Lab	Pasadena	CA	Gravity Waves Retreat	TIMES
Wu, Xiaoqing	3	Iowa State University	Ames	IA	CCSM	CGD
Wuebbles, Don	3	University of Illinois	Urbana	IL	CCSM	CGD
Xiaodong Zeng , David	4	University of Arizona	Tucson	AZ	CCSM	CGD
Xu, Li	3	University of Utah	Salt Lake City	UT	DAReS	IMAGE
Yang, Daqing	13	University of Alaska	Fairbanks	AK	Water-Biogeochemical Sciences Retreat	TIMES
Yang, Zong Liang	2	University of Texas	Austin	TX	CCSM	CGD
Yin, Dazhong	4	University of Arizona	Tucson	AZ	WRF-NMM Tutorial	MMM
Young, Roger	1	IBM Thomas J. Watson Research Center	Boulder	CO	DATA CENTER PROJECT	SCD
Yuan, Huiling	3	NOAA	Boulder	CO	WRF-NMM Tutorial	MMM
Zehr, Ray	4	NOAA	Boulder	CO	Hurricane Intensity Research Group	MMM
Zeng, Xubin	13	University of Arizona	Tucson	AZ	Water-Biogeochemical Sciences Retreat	TIMES
Zhan, Tianyu	5	Clemson University	Clemson	SC	AMIE Analysis	HAO
Zhang, Fuqing	21	Texas A&M University	College Station	TX	Gravity Waves Retreat	TIMES
Zhang, Guang J.	3	Scripps Institution of Oceanography	La Jolla	CA	CCSM	CGD
Zhang, Minghua	3	State University of New York	Stony Brook	NY	CCSM	CGD
Zhou, Lei	5	University of Maryland	College Park	MD	OS	CGD
Zhou, Liming	4	Georgia Institute of Technology	Atlanta	GA	CCSM	CGD
Zhu, Tong	3	Colorado State University	Fort Collins	CO	WRF-NMM Tutorial	MMM
Zondlo, Mark	3	NASA Goddard Space Flight Center	Greenbelt	MD	DC3 Planning Workshop	TIMES
Zubrow, Alexiz	5	University of Chicago	Chicago	IL	DAReS	IMAGE
Zupanski, Dusanka	3	Colorado State University	Fort Collins	CO	Hurricane Intensity Research Group	MMM

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ABERG, SOFIA	5		IMAGE	Lund Unvers	Lund	-	SW
AKSOY, ALTUG	343		MMM	Texas A&M U	College Stati	TX	US
ALFIERI, JOSEPH	85		MMM	Purdue Unive	West Lafayet	IN	US
ANDREAE, MEINRAT	65		ESSL AD OFC	Max Planck I	Berlin	-	GM
AZEEM, IRFAN	12		ACD	Embry-Riddle	Daytona Bea	FL	US
BAERENZUNG, JULIEN	22		IMAGE	Observatoire	Nice	-	FR
BAI, AIJUAN	82		MMM	Chinese Aca	Xi'an	-	CH
BAKER, DAVID	128		CDS	NCAR	Boulder	CO	US
BARNETT, JOHN	4		ACD	Oxford Unive	Oxford	-	UK
BARNETT, JOHN	8		ACD	Oxford Unive	Oxford	-	UK
BARRIOPEDRO, DAVID	89		ACD	Universidad	Madrid	-	SP
BARSTAD, IDAR	4		MMM	University of	Bergen	-	NO
BATTISTA, DEBORAH	300		CGD	University of	Boulder	CO	US
BAUER, STEPHAN	90		ACD	Leipzig Instit	Leipzig	-	GM
BEEZLEY, JONATHAN	29		MMM	University of	Denver	CO	US
BELA, MEGAN	86		ASP	Stanford Uni	Stanford	CA	US
BELCHER, STEPHEN	14		CISL AD OFC	University of	Reading	-	UK
BELCHER, STEPHEN	19		CISL AD OFC	University of	Reading	-	UK
BENNETT, LINDSAY	64		RSF	University of	Leeds	-	UK
BESSON, PIERRE	240		ACD	Academic Ins	Strasbourg	-	FR
BIAN, JIANCHUN	4		ACD	Chinese Aca	Beijing	-	CH
BICKEL, PETER	4		IMAGE	University of	Berkeley	CA	US
BICKEL, PETER	17		IMAGE	University of	Berkeley	CA	US
BLAHAK, ULRICH	11		RAL AD OFC	Institut für M	Karlsruhe	-	GM
BLUESTEIN, HOWARD	70		MMM	University of	Norman	OK	US

BLYTH, ALAN	5	MMM	University of	Leeds	-	UK
BOGGS, ADAM	227	CISL AD OFC	University of	Boulder	CO	US
BOSART, LANCE	17	MMM	State Univers	Albany	NY	US
BOUGHER, STEPHEN	6	HAO	University of	Ann Arbor	MI	US
BOWMAN, KENNETH	4	TIMES	Texas A&M U	College Stati	TX	US
BOWMAN, KENNETH	32	TIMES	Texas A&M U	College Stati	TX	US
BRUNE, WILLIAM	4	ACD	Pennsylvania	University Pa	PA	US
BUDICH, REINHARD	19	CISL AD OFC	Max planck I	Hamburg	-	GM
CALVO, NATALIA	13	ACD	Universidad	Madrid	-	SP
CASSOU, CHRISTOPHER	9	CGD	CERFACS/CR	Toulouse	-	FR
CHANDRASEKAR, V	209	EOL AD OFC	Colorado Sta	Fort Collins	CO	US
CHANG, SHAO-FAN	90	MMM	National Cen	Jhongli City	-	TW
CHANG, YUNG	13	RAL AD OFC	Civil Aeronau	Taipei	-	TW
CHEN, BAOHUA	30	IMAGE	Illinois Instit	Chicago	IL	US
CHEN, HONGBIN	6	TIMES	Chinese Aca	Beijing	-	CH
CHEN, JHIH-YING	56	MMM	National Cen	Taiwan		CH
CHEN, LIQIANG	135	MMM	China Meteor	Shenyang	-	CH
CHEN, MIN	64	MMM	China Meteor	Beijing	-	CH
CHEN, SHU-HUA	15	MMM	University of	Davis	CA	US
CHEN, SHU-YA	29	MMM	National Cen	Taipei	-	TW
CHIANG, CHIN-HSIAO	149	MMM	Central Weat	Taipei	-	TW
CHILSON, PHILLIP	12	ISF	University of	Norman	OK	US
CHU, YANLI	14	MMM	Institute of U	Beijing	-	CH
CHUANG, CHING-YAO	13	RAL AD OFC	Civil Aviation	Taipei	-	TW
CHUNG, KWAN-YOUNG	359	MMM	Korean Mete	Seoul	-	KN
CLANCY, TARA	54	CGD	2875 Elk Me	Evergreen	CO	US
CLERBAUX, CATHY	53	ACD	Universite Pa	Paris	-	FR
COCEAL, OMDUTH	19	MMM	University of	Reading	-	UK
COOK, BENJAMIN	26	CGD	University of	Charlottesvill	VA	US
CORBARD, THIERRY	12	CGD	Observatoire	Nice	-	FR
CRAIG, ANTHONY	37	CGD	Unaffiliated	Middle Park	-	AS
CURCHITSER, ENRIQUE	7	CGD	Lamont-Doh	Palisades	NY	US
CYPRA, THORSTEN	17	WSAP RAL	University of	Karlsruhe	-	GM
DALSGAARD, JOERGEN CHRISTENSEN	28	HAO	Aarhus Unive	Aarhus	-	DA
DALY, RYAN	46	ACD	University of	Boulder	CO	-
DAS, ANANDA	19	MMM	India Meteor	New Delhi	-	IN
DEIERLING, WIEBKE	25	RSF	University of	Huntsville	AL	US
DEL MORO, DARIO	11	HAO	Rome Obser	Rome	-	IT
DEMPSEY, DAVID	74	MMM	San Francisc	San Francisco	CA	US
DOERNBRACK, ANDREAS	94	MMM	Deutsches Z	Wessling	-	GM
DONE, JAMES	14	MMM	NCAR	Boulder	CO	US
DROI, RONI	24	ACD	Hebrew Univ	Jerusalem	-	IS
DUANE, GREG	29	CGD	University of	Minneapolis	MN	US
DUANE, GREG	30	CGD	University of Mi	Minneapolis	MN	US
DUANE, GREG	108	CGD	University of	Minneapolis	MN	US
DUANE, GREG	330	CGD	University of Mi	Minneapolis	MN	US
EAGAN, DENIS	30	IMAGE	Alfred Univer	Alfred	NY	US
EBI, KRISTIE	7	ISSE	Expoent Heal	Alexandria	VA	US
EDGAR, CARISSA	8	NSAP	US Army	Salt Lake Cit	UT	US
EL AFANDI, GAMAL SALAH	13	HAP	University of	Nasr City	-	EG
ELLIS, DAVID	120	ACD	University of	Boulder	CO	US
ERNST, ISABELLE	240	ACD	Academic Ins	Strasbourg	-	FR
FABRY, FREDERICK	6	EOL AD OFC	McGill Univer	Anne de Bell	-	CA
FABRY, FREDERICK	14	EOL AD OFC	McGill Univer	Anne de Bell	-	CA
FABRY, FREDERICK	29	MMM	McGill Univer	Anne de Bell	-	CA
FALOONA, IAN	5	MMM	University of	Davis	CA	US
FAN, SHUIYONG	79	MMM	China Meteor	Beijing	-	CH
FANG, TUZ-WEI (VICKY)	18	HAO	Institute of S	Taipei	-	TW
FEDDEMA, JOHANNES J	9	CGD	University of	Lawrence	KS	US

FEDDEMA, JOHANNES J	60	CGD	University of	Lawrence	KS	US
FELDKAMP, CARA	78	ACD	Denver Scho	Denver	CO	US
FESEN, CASSANDRA	29	HAO	Dartmouth C	Hanover	NH	US
FEYEN, ROBERT	29	HAO	Dartmouth C	Hanover	NH	US
FINNIGAN, JOHN	9	MMM	Commonwea	Canberra	-	AS
FINNIGAN, JOHN	68	MMM	Commonwea	Canberra	-	AS
FOVELL, ROBERT	31	AAP	University of	Los Angeles	CA	US
FOWLER, HAYLEY	60	ISSE	Newcastle Un	Tyne	-	UK
FRANZKE, CHRISTEN	11	CGD	New York Uni	New York	NY	US
FREED, KELLY	86	HAO	Metro State	Thornton	CO	US
FRIEDMAN, SARA	3	MMM	Massachuset	Cambridge	MA	US
GADIAN, ALAN	4	MMM	University of	Leeds	-	UK
GALARNEAU, THOMAS	21	MMM	State Univers	Albany	NY	US
GALARZA, ELSA	5	CCB	Universidad	Lima	-	PE
GALBALLY, IAN	2	TIMES	Commonwea	Canberra	-	AS
GALTIER, SEBASTIEN	7	IMAGE	Institut d'ast	Orsay CEDEX	-	FR
GAO, HUI	7	MMM	University of	Newark	NJ	US
GARCIA, JOSE AGUSTIN	89	ACD	Universidad	Badajoz	-	SP
GENTON, MARC	5	IMAGE	Texas A & M	College Stati	TX	US
GERESDI, ISTVAN	31	AAP	University of	Ifjusag	-	HU
GILBERT, HOLLY	60	HAO	Rice Universi	Houston	TX	US
GIORGETTE, MARCO	2	ACD	Max lanck In	Hamburg	-	GM
GIORGETTE, MARCO	10	ACD	Max-Planck-I	Hamburg	-	GM
GOEKE, SABINA	18	ATD/RTF	University of	Urbana	IL	US
GORSKA, MONICA	48	MMM	Wageningen	Wageningen	-	NL
GRANIER, CLAIRE	14	ACD	NOAA	Boulder	CO	US
GREGORY, SCOTT	90	ASP	University of	Boulder	CO	US
GRIM, JOSEPH	359	MMM	University of	Urbana	IL	US
GROSSMAN, ROBERT	330	MMM	Colorado Re	Boulder	CO	US
GUDIJKSEN, BORIS	121	HAO	Boston Unive	Boston	MA	US
GURARIE, DAVID	132	MMM	Case Wester	Cleveland	OH	US
HAIDVOGEL, DALE	30	CGD	Rutgers Univers	New Brunswick	NJ	US
HAKKARINEN, CHUCK	4	SCD	2308 Cipriani	Belmont	CA	US
HALVORSON, SCOTT	17	NSAP	US Army	Dugway	UT	US
HAMILTON, KEVIN	4	TIMES	University of	Honolulu	HI	US
HAMILTON, KEVIN	18	TIMES	University of	Honolulu	HI	US
HARMAN, IAN	166	MMM	Commonwea	Canberra	-	AS
HARVEY, LYNN	4	ACD	University of	Boulder	CO	US
HASSIOTIS, ALEXANDER	95	CGD	Pennsylvania	University Pa	PA	US
HASSON, ALAN	24	ACD	California St	Fresno	CA	US
HAWKINS, MICHELLE	41	ACD	Howard Univ	Washington	DC	US
HECHT, MATTHEW	4	CGD	Los Alamos	Los Alamos	NM	US
HECK, SHERRI	44	RAF	University of	Boulder	CO	US
HEDSTROM, KATE	11	CGD	University of	Fairbanks	AK	US
HELD, ANDREAS	89	ACD	Institute Uni	Munchen	-	GM
HENCE, DEANNA	15	RSF	University of	Seattle	WA	US
HENRY, COLLEEN	4	MMM	Purdue Unive	West Lafayet	IN	US
HEPPLEWHITE, CHRIS	4	ACD	Oxford Unive	Oxford	-	UK
HEPPLEWHITE, CHRIS	8	ACD	Oxford Unive	Oxford	-	UK
HILLBERG, TOMAS	29	HAO	The Royal Sw	Stockholm	-	SW
HITCHMAN, MATTHEW	16	ACD	University of	Madison	WI	US
HOBBS, WILLIAM	70	CGD	University of	Los Angeles	CA	US
HOGAN, ROBIN	4	MMM	University of	Reading	-	UK
HOLST, ULLA	5	IMAGE	Lund Univers	Lund	-	SW
HONG, SEUNGBUM	29	AAP	University of	Columbia	SC	US
HUANG, KUANG-YUAN	27	MMM	Civil Aeronau	Yilan	-	TW
HUCK, PETRA	29	ACD	University of	Christchurch	-	NZ
HURTAUD, YANNIS	90	HAO	Centre d'Etu	Toulouse	-	FR

JAMIESON, DALE	5	CCB	New York Uni	New York	NY	US
JANSE, ASE MARIT	100	HAO	University of	Oslo	-	NO
JARDINE, KOLBY	43	ACD	State Univers	Stony Brook	NY	US
JONES, PHIL D	7	CGD	University of	Norwich	-	UK
JONKER, HARM	90	IMAGE	Delft Universi	Delft	-	NL
JOOS, FORTUNAT	52	CGD	Climate and En	Bern	-	SZ
JOU, BEN	23	EOL AD OFC	National Taiw	Taipei	-	TW
JOU, JONG-DAU	5	MMM	National Taiw	Taipei	-	TW
JOU, JONG-DAU	10	MMM	National Taiw	Taipei	-	TW
JUN, MIKYOUNG	6	IMAGE	Texas A & M	College Stati	TX	US
KADLEC, BEN	119	SCD	University of Co	Boulder	CO	US
KARLSSON, JOHANNES	18	CGD	Stockholm U	Stockholm	-	SW
KAUFMAN, CARI	5	IMAGE	Carnegie Mel	Pittsburgh	PA	US
KERR, ROBERT	30	IMAGE	University of	Coventry	-	UK
KHATTATOV, BORIS	240	ACD	Fusion Nume	Boulder	CO	
KIM, JU-HYE	67	MMM	Yonsei Unive	Seoul	-	KN
KIM, JU-WON	116	MMM	Korean Mete	Seoul	-	KN
KIMURA, YOSHIFUMI	359	MMM	University of	Nagoya	-	JA
KODERA, KUNIIHIKO	9	ACD	Meteorologic	Tsukuba, Iba	-	JA
KOVATS, SARI	13	ISSE	London Scho	London	-	UK
KOZLOVA, ELENA	79	TIMES	University of	Norwich	-	UK
KUMAR ROHILLA, ANIL	80	MMM	National Clim	Pune	-	IN
KUMAR, ANIL	159	MMM	University of	Maharashra	-	IN
KUROWSKI, MARCIN	41	MMM	University of	Warsaw	-	PL
KUTZBACH, JOHN	23	CGD	University of	Madison	WI	US
LAMBERT, ALYN	4	ACD	Jet Propulsio	Pasadena	CA	US
LANDI, EGIDIO	22	HAO	Universita di	Firenze	-	IT
LANGDON, CHRIS	5	ISSE	Lamont-Doh	Palisades	NY	US
LATHIERE, JULIETTE	5	ACD	University of	Sheffield	-	UK
LEE, EDWIN	120	SCD	Columbia Un	New York	NY	US
LEE, EUNJO	81	MMM	Korean Mete	Seoul	-	KN
LEE, JOHAN	13	MMM	Seoul Nation	Seoul	-	KN
LEE, SHANHU	32	TIMES	Kent State U	Kent	OH	US
LEER, EGIL	19	HAO	University of	Oslo	-	NO
LEER, EGIL	35	HAO	University of	Oslo	-	NO
LEER, EGIL	41	HAO	University of	Oslo	-	NO
LEFER, BARRY	359	ACD	University of	Houston	TX	US
LEVY, MICHAEL	49	SCD	University of	Boulder	CO	US
LIE-SVENDSEN, OYSTEIN	24	HAO	Norwegian D	Kjeller	-	NO
LILLY, DOUGLAS	30	MMM	University of	Amherst	NE	US
LIM, KYO-SUN	62	MMM	Yonsei Unive	Seoul	-	KN
LIN, HUI CHUAN	269	MMM	Chinise Cultu	Taipei	-	TW
LIN, MEI-YING	288	MMM	National Chiao	Hsinchu City	-	TW
LIPSCOMB, WILLIAM	4	CGD	Los Alamos	Los Alamos	NM	US
LIPSCOMB, WILLIAM	13	CGD	Los Alamos	Los Alamos	NM	US
LIU, SHEN-TSUNG	27	MMM	Civil Aeronau	Taipei	-	TW
LIU, XIMING	21	EOL AD OFC	Chinese Aca	Beijing	-	CH
MA, ZHAIZHONG	135	MMM	Chinese Aca	Beijing	-	CH
MA, ZHAIZHONG	182	MMM	Chinese Acade	Beijing	-	CH
MADRONICH, MONICA	359	ACD	University of	Boulder	CO	US
MAHRT, LARRY	11	MMM	Oregon State	Corvallis	OR	US
MAITARIA, KAZUNGU	17	AAP	University of	Tucson	AZ	US
MANDEL, JAN	29	MMM	University of	Denver	CO	US
MANNING, ANDREW	30	TIMES	University of	Norwich	-	UK
MANNING, RYAN	99	ISF	University of	Boulder	CO	US
MARSELL, BRANDON	81	HAO	Stetson Univ	DeLand	FL	US
MARSHAM, JOHN	4	RSF	University of	Leeds	-	UK
MATTHES, KATJA	359	ACD	Free Universi	Berlin	-	GM
MCHUGH, JOHN	17	RAL AD OFC	University of	Durham	NH	US

MCKELVEY, ROBERT	8	ISSE	University of	Missoula	MT	US
MCNEELEY, SHANNON	90	ISSE	University of	Fairbanks	AK	US
MEINSHAUSEN, MALTE	343	CGD	Swiss Federal I	Voltastrasse	-	SZ
MEUNIER, VERONIQUE	14	RAL AD OFC	McGill Univer	Montreal	-	CA
MEZA, FRANCISCO	5	ISSE	Pontificia Uni	Santiago	-	CI
MIAO, SHIGUANG	7	RAL AD OFC	Beijing Mete	Beijing	-	CH
MIGLIETTA, MARCELLO	39	MMM	Consiglio Na	Lecce	-	IT
MILWARD, GEORGE	25	HAO	Imperial Coll	London	-	UK
MOEHLER, OTTMAR	7	MMM	Institute of	Karlsruhe	-	GM
MOHANDAS, SAJI	90	MMM	National Cen	Nodia	-	IN
MONTGOMERY, DAVID	87	IMAGE	Dartmouth c	Dartmouth	NH	US
MOORE, DAVID	265	CGD	University of	Urbana	IL	US
MORGAN, MICHAEL	10	MMM	University of	Madison	WI	US
MORINO, YU	13	ACD	University of	Tokyo	-	JA
MORRILL, CARRIE	329	CGD	NOAA			US
MOSCATELLO, AGATA	39	MMM	Consiglio Na	Lecce	-	IT
MULLEN, STEVE	25	CGD	University of	Tucson	AZ	US
MURAKI, DAVID	35	MMM	Simon Fraser	Burnaby	-	CA
MUSZALA, STEFAN	359	CGD	University of Co	Denver	CO	US
NANDI, SREELA	359	ACD	Unaffiliated			
NARANJO-DIAZ, LINO	23	CCB	Mateo Galicia	Santiago de	-	SP
NAVARRA, ANTONIO	28	CGD	IMGA-CNR	Bologna	-	IT
NAVEAU, PHILIPPE	12	CGD	Laboratorie d	Gif-sur-Yvett	-	FR
NEMITZ, EIKO	18	ACD	Centre for Ec	Midlothian	-	US
NEREM, STEVEN	32	CGD	University of	Boulder	CO	US
NG, CHUNG-SANG	6	IMAGE	University of	Durham	NH	US
NOSSAL, SUSAN	12	HAO	University of	Madison	WI	US
OH, HEE-SEOK	30	IMAGE	Seoul Nation	Seoul	-	KN
ORTEGA, JOHN	359	ACD	University of	Boulder	CO	US
OSBORNE, TOM	24	CGD	University of	Reading	-	UK
PADMANABHAN, SHARMILA	25	RAL AD OFC	Colorado Sta	Fort Collins	CO	US
PALMER, PAUL	33	ACD	University of	Leeds	-	UK
PAN, ZAITAO	30	TIMES	St. Louis Uni	St. Louis	MO	US
PARK, KEY HONG	23	ACD	State Univers	Stony Brook	NY	US
PARK, SEON-JOO	30	MMM	Yonsei Universit	Seoul	-	KN
PARK, SHIU JU	14	RAL AD OFC	McGill Univer	Montreal	-	CA
PAUL, SUGANTH	90	ASP	Texas A & M	College Stati	TX	US
PAWLOWSKA, HANNA	11	MMM	University of W	Warsaw	-	PL
PEACOCK, SYNTE	11	CGD	University of	Chicago	IL	US
PEACOCK, SYNTE	28	CGD	University of	Chicago	IL	US
PEAN, JERMIE	104	ACD	Dept Inter-U	Toulouse	-	FR
PENUELAS, JOSEPH	29	ACD	Universitat A	Bellaterra	-	SP
PETROVA-MAYOR, ANNA	359	EOL AD OFC	University of	Stuttgart	-	GM
PICK, SANDER	128	SCD	University of Co	Boulder	CO	US
PIGNOTTI, ANGELA	72	IMAGE	Unaffiliated	NULL	CO	US
PIOTROWSKI, ZBIGNIEW	48	MMM	University of	Warsaw	-	PL
PIOTROWSKI, ZBYSZEK	55	MMM	University of	Warsaw	-	PL
POLVANI, LORENZO	5	MMM	Columbia Un	New York	NY	US
POLVANI, LORENZO	12	CGD	Columbia Un	New York	NY	US
PONSARDIN, PATRICK	6	RSF	ITT Industrie	Albuquerque	NM	US
POULSEN, CHRIS	4	CGD	University of	Los Angeles	CA	US
PREZKUTA, ZACH	93	HAO	Colorado Sch	Golden	CO	US
PRUSA, JOSEPH	8	MMM	NULL	NULL	CO	US
PU, ZHAOXIZ	15	MMM	University of	Salt Lake Cit	UT	US
RAMIREZ, IVAN	90	CCB	Columbia Un	New York	NY	US
RANDALL, CORA	4	ACD	University of	Boulder	CO	US
RAPHAEL, MARILYN	5	CGD	University of	Los Angeles	CA	US
RAPHAEL, MARILYN	83	CGD	University of	Los Angeles	CA	US

RAY, PALLAV	80	MMM	University of	Miami	FL	US
REBURN, JOLYON	4	ACD	Rutherford A	Oxon	-	UK
REBURN, JOLYON	8	ACD	Rutherford A	Oxon	-	UK
REISING, STEVEN	25	RSF	Colorado Sta	Fort Collins	CO	US
RENGGONO, FINDY	3	RAL AD OFC	Agency for T	Jakarta	-	ID
RIEMER, DAN	230	ACD	University of	Miami	FL	US
ROETH, ERNST-PETER	70	ACD	Universität D	Duisburg	-	GM
ROGERS, TAMARA	59	HAO	National Scie	NULL	CO	US
ROSTKIER-EDELSTEIN, DORITA	300	MMM/RAL	Israel Institute f	Ness-Ziona	-	Israel
ROUTRAY, ASHISH	19	MMM	Indian Instit	New Delhi	-	IN
ROUX, GREGORY	65	NSAP	Meteo - Fran	NULL	-	FR
RUTBERG, RANDYE	90	CGD	Hunter Colle	New York	NY	US
RUTGERSSON, ANNA	6	MMM	Uppsala Univ	Uppsala	-	SW
RUZANSKI, EVAN	219	RSF	Colorado Sta	Fort Collins	CO	US
SAKULYANONTVITTAYA, TANARIT	359	ACD	University of	Boulder	CO	US
SALAH EL AFANDI, GAMAL	13	HAP	University of	Nasr City	-	EG
SALWINSKA, JOANNA	111	MMM	University of	Warsaw	-	PL
SANDERSON, BEN	31	IMAGE	University of	Oxford	-	UK
SANTOS, GABRIELA	38	ESSL AD OFC	Max Planck I	Hamburg	-	GM
SAWYER, WILLIAM BARTON	8	CGD	Swiss Federal	Zurich	-	SZ
SAYAEFULLAH, DJAZIM	3	RAL AD OFC	Agency for T	Jakarta	-	ID
SCHMIDL, JUERG	227	EOL AD OFC	Institute for	Zuerich	-	SZ
SCHMIDT, HAUKE	179	ESSL AD OFC	Max-Planck-I	Hamburg	-	GM
SCHMIT, DONALD	85	HAO	25 Ashford	Allsotn	MA	US
SCHNEIDER, ULRIKE	18	IMAGE	University of	Vienna	-	AU
SCHNEIDER, ULRIKE	180	IMAGE	NCAR	Boulder	CO	US
SCHOEBERL, MARK	4	ACD	NASA	Greenbelt	MD	US
SEIFERT, AXEL	25	MMM	Deutscher W	Offenbach	-	GM
SEKIYAMA, TSUYOSHI	320	ACD	Meteorologic	Tsukuba, Iba	-	JA
SEO, HYODAE	94	CGD	Scripps Instit	San Diego	CA	US
SEVENSSON, GUNILLA	18	CGD	Cooperative	Boulder	CO	US
SHAMSELDIN, ELIZABETH	94	IMAGE	University of	Chapel Hill	NC	US
SHAPIRO, MELVIN	359	MMM	National Ocea	Boulder	CO	US
SHARIF, HATIM	90	RAL AD OFC	University of	San Antonio	TX	US
SHAW, CYNTHIA ANN	359	ACD	Laboratory fo	Boulder	CO	US
SHAW, ROGER	6	MMM	University of	Davis	CA	US
SHAW, ROGER	6	MMM	University of	Davis	CA	US
SHELLITO, CINDY	88	CGD	University of	Greeley	CO	US
SHEN, NING	5	MMM	Georgia Insti	Atlanta	GA	US
SHIBATA, KIYOTAKA	4	ACD	Meteorologic	Ihanaki	-	JA
SHON, ZHANG-HO	299	ACD	Dong-eui Uni	Busan	-	KN
SHUI, BIN	24	ISSE	Pacific Northw	Washington	DC	US
SIEMS, STEVE	45	MMM	Monash Univ	Clayton	-	AS
SKOK, GREGOR	30	CGD	Cesta 9. Avg	Zagorje	-	SI
SLAWINSKA, JOANNA	90	MMM	University of W	Warsaw	-	PL
SMITH, RICHARD	4	CGD	PO Box 1342	Los Alamos	NM	US
SMITH, RICHARD	11	CGD	PO Box 1342	Los Alamos	NM	US
SMITH, RICHARD	19	CGD	PO Box 1342	Los Alamos	NM	US
SMITH, RICHARD	149	IMAGE	University of	Chapel Hill	NC	US
SORBJAN, ZBGNIIEW	5	MMM	Marquette U	Milwaukee	WI	US
SORBJAN, ZBGNIIEW	6	MMM	Marquette U	Milwaukee	WI	US
SPARKS, JED	5	ACD	Cornell Unive	Ithaca	NY	US
SPICHTINGER, PETER	4	MMM	Deutschen Z	Oberpfaffenh	-	GM
STEPHENS, SHERRY	359	ACD	Unaffiliated			
STEPPELER, JUERGEN	24	MMM	Deutscher W	Offenbach	-	GM
STEVENS, BJORN	73	MMM	University of Ca	Los Angeles	CA	US
STORM, BRANDON	26	MMM	Texas Tech U	Lubbock	TX	US
STRASSEBERG, DIANE	254	MMM	University of	Boulder	CO	US
STREET, ROBERT	11	ISF	Stanford Uni	Stanford	CA	US

SUGIMOTO, SOICHIRO	158	MMM	Central Resear	Abiko	-	JP
SUMIZAH, QURESHI	32	TIMES	Kent State U	Kent	OH	US
SUZKI, ASUKA	17	MMM	Georgla Insti	Atlanta	GA	US
SVENDSEN, OYSTEIN	14	HAO	University of	Fairbanks	AK	US
SZMELTER, JOANNA	26	MMM	Cranfield Uni	Shrivenham	-	UK
TANNER, DAVID	46	ACD	University of	Boulder	CO	US
THOMPSON, MIKE	23	HAO	University of	Sheffield	-	UK
THORNTON, DONALD	7	EOL AD OFC	Drexel Unive	Philadelphia	PA	US
TIAN, FENG	170	HAO	University of	Boulder	CO	US
TIAN, XIANGJIUN	21	CGD	Chinese Aca	Beijing	-	CH
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The End

You've reached the end of the 2006/2007 NCAR Annual Report, but there is much more to explore. The NCAR Laboratories have each prepared annual reports featuring greater detail and many more scientific topics. You may view each of those reports at the links below.

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Director's Message



EOL Director
Roger Wakimoto

The Earth Observing Laboratory (EOL) has undergone major changes during the past fiscal year. The laboratory reorganized and a new management team is now in place. The new organizational structure has allowed EOL to provide field support services more effectively. In addition, EOL has expanded responsibilities that include, among other things, data stewardship. The new structure also allows the laboratory to efficiently coordinate development efforts which are critical in order to design and build the next generation observational facilities. The G-V aircraft is in the midst of infrastructure upgrades as we endeavor to convert it to a state-of-the-art research platform. In light of these major administrative changes and continued field and data support commitments, it is reassuring that our scientific staff is still able to be highly productive by publishing in the peer-reviewed literature. This report will highlight the numerous ways that EOL is serving the community and contributing to the NCAR strategic plan.

Accomplishments

EOL has made significant progress in all five NCAR strategic goals although our emphasis is primarily targeted to meeting **Goal #5** (*Enabling Innovative Field Experiments and Measurement Campaigns*). The recently completed [MIRAGE](#) experiment and support for [T-REX](#), the first official field deployment of the NSF/NCAR G-V (HIAPER), are just two examples of field support this past year. However, the NSF-funded Facility Assessment Study and proposal to build the Virtual Operations Center ([VOC](#)) are two important components that are underway. HAIS instrumentation, the HIAPER Cloud Radar ([HCR](#)), and the Community Airborne Platform Remote-Sensing Suite ([CAPRIS](#)) are examples of *New Instrumentation* that are planned or proposed. The formation of the Technology Development Facility as part of the EOL reorganization will help facilitate development efforts.

The appointments of Karyn Sawyer (first female to achieve permanent Director status at NCAR), Brigitte Baeuerle (first female Manager in EOL/ATD), and Vivek (first non-white male Manager in EOL/ATD) are examples of how EOL achieved part of **Goal #3** (*Engaging a Broader and More Diverse Community in the Atmospheric and Geosciences*). We have also endeavored to *Support and Enhance Formal Science Educations at all Levels* by being actively involved with the RICO Graduate Seminar Series (RGSS) while in the field. Indeed, one research flight was designed and executed by participating students. The lab also supported three undergraduate engineering interns as part of a continuing effort to educate the next generation of measurement technologists. We plan to participate in an IGERT (NSF's



Integrative Graduate Education and Research Traineeship Program) proposal submitted by the University of Oklahoma focused on modeling and instrumented observations of the environment. We provide *Support for our Employees and Provide Multiple Options for Professional Development* by protecting our non-labor budgets to the greatest extent possible and have instituted plans for developing and offering Project Management courses for our staff. Finally, we have made numerous nominations to recognize our staff this year (2 AMS Fellows, Special Award, and Meisinger Award) as part of *Maintaining an Innovative Workplace and creative Workforce Practices*. We are happy to report that our nomination for the HIAPER Project Team for a Special Award was recently approved by the AMS

Goal #1 has been met by our participation in THORPEX hurricane genesis research (T-AMMA) project Niger, Africa in time for the Atlantic hurricane season (*Global and Local Weather Prediction*), our TIIMES/EOL efforts in carbon exchange in the forest (*Ecosystem-Biogeochemistry-Climate*). EOL scientists created a global, 2-hourly water vapor dataset from GPS measurements (*Interactions of the Water Cycle with Climate and Weather*).

EOL's participation in this past summer's Refractivity Experiment For H2O Research And Collaborative operational Technology Transfer ([REFRACTT](#)) made strides towards helping meteorologist better predict thunderstorms (*Building Capacity for Coping with Weather and Climate Hazards* within **Goal #2**). EOL also began collaboration with scientists in India and China to [assist both countries](#) in developing airborne platforms for atmospheric research.

Our biggest accomplishment to achieve **Goal #4** was the [integration](#) of the Field Operations and Data Management (FODM) group of the UOP Joint Office for Science Support (JOSS) into EOL, which significantly broadens EOL's support infrastructure for field programs.

Plans

All uses of EOL systems receive NSF or NSF-equivalent review through anonymous mail reviews and by NCAR's Observing Facilities Assessment Panel ([OFAP](#)). EOL plans instrument developments and assigns staffing resources to meet these project needs. Research efforts focus primarily on collaborative analyses of data from these projects. As schedules allow and so as not to interfere with NSF-funded projects, EOL systems support research activities funded by agencies other than



Public outreach sometimes happens in serendipitous ways. Nick Potts, an EOL [Engineering Intern](#) from the University of Florida, stands with John Handley, a train conductor from Hickman, Nebraska. Handley is holding a [dropsonde](#) he found hanging from a telephone wire on his way home from work one morning in July. After taking apart the dropsonde, which was dropped from the [Driftsonde](#) launched in Wyoming in preparation for the T-AMMA field campaign, he found the name of an EOL Technician on some of the components. A quick web search and a phone call later, and Nick Potts headed off to Nebraska to meet with Handley and retrieve the sonde. Later, the sonde was found to have critical data which helped EOL engineers make final adjustments for the successful [T-AMMA](#) campaign.

NSF. These non-NSF activities also require OFAP review and must meet all NSF guidelines for appropriate use of national facilities.

In 2007, EOL will finish a division-wide strategic planning exercise to identify mechanisms for implementation of the highest priority scientific measurement needs in the NSF sponsored community, and to explore opportunities associated with emerging technologies. Two internal committees focusing on science and technology will seek to articulate EOL's core strengths and areas of expertise that can be brought to bear on problems in the earth observing system sciences. A Facilities Assessment Committee ([FAC](#)) comprised of NSF, university researchers and NCAR science division representatives will continue to provide input on community needs and to make recommendations for future EOL facility support. The resulting plans will be integrated as an on-going process with the overall NCAR Facilities Strategic Plan.

There are numerous plans for meeting **Goal #5** in FY07/08 with the support of [METCRAX](#), [CLIMODE](#), [ISPA](#), and [CHATS](#) (*Enabling Innovative Field Experiments and Measurement Campaigns*). The new [MIST sondes](#) that were deployed in support of Thorpex [hurricane genesis research](#) will continue to be refined and made smaller and more cost effective. (*New Instrumentation*). There will major emphasis on the developments of an airborne oxygen instrument, open path water vapor measurements, and field testing of the radar refractivity technique to remotely sense water vapor. The [Adaptive Sensor Array](#), a wireless mesh communication network, will pass major benchmarks during the next two years (*Create a Comprehensive Inventory of Present and Planned Instruments*). The [VOC](#) will be major focus of EOL if NSF funding is provided (*Create a Virtual Operations Center*), and [CAPRIS](#) will provide an unprecedented combination of observations to advance the understanding of complete water cycle, cloud microphysics and radiation properties, transport of water vapor, aerosol and chemical species by weather systems. The G-V will enter a major upgrade phase in FY07 that will continue into FY09. HAIS instruments will start arriving in FY07 and continue into FY09.



Researchers discuss last-minute instrumentation calibration on NCAR's C-130 aircraft before a research mission from Veracruz, Mexico to study pollution in and around Mexico City during the [MIRAGE/MILAGRO](#) field project. Based in Veracruz, on the Gulf of Mexico, the aircraft carried an [extensive chemistry package](#) to sample the aerosols and gases that comprise the pollution plume over Mexico City.

EOL will continue to place major emphases on diversity (**Goal #3**) in FY07/08. Any future job search will be required to provide a full report to the EOL Directorate on where advertisements were posted, how the search committee was proactive in increasing applicants of females and from underrepresented groups, statistics on the available pool in the community and justification for the final interview pool (*Engaging a Broader and More Diverse Community in the Atmospheric and Geosciences*). We will continue our efforts to support SOARS and the EOL [Engineering Intern Program](#) (*Support and Enhance Formal Science Educations at all Levels*).

EOL will meet **Goal #1** by participating in several diverse topics. A second Airborne Carbon in the Mountain Campaign (ACME) will be conducted and three RACCOON (Regional Atmospheric Continuous CO₂ Network in the Rocky Mountains) sites will be added during the year (*Ecosystem-Biogeochemistry-Climate*).

Data processing, quality control, and archival for field projects will receive even more commitment from the lab as part of our expanding services that will be provided to the community (**Goal #4**). This also includes efforts to complete development of the Metadata Database and Cyberinfrastructure ([EMDAC](#), formerly known as CODIAC) to access and browse products and data from field projects while integrating with the Community Data Portal (*Long-Term Stewardship of Scientific Datasets*). A major initiative to replace the SoloII radar data editing and visualization package is planned (*Providing a Powerful Suite of Community Analysis and Visualization Tools*).

I encourage you to revisit the EOL website throughout the year, as major improvements in web

usability will be addressed, making it easier for our atmospheric research community to access critical information about requesting our observing platforms, technical and other information about the platforms themselves, as well as a host of other useful information about our programs, education and outreach events and professional development opportunities.

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Research Applications Laboratory

2006 Annual Report

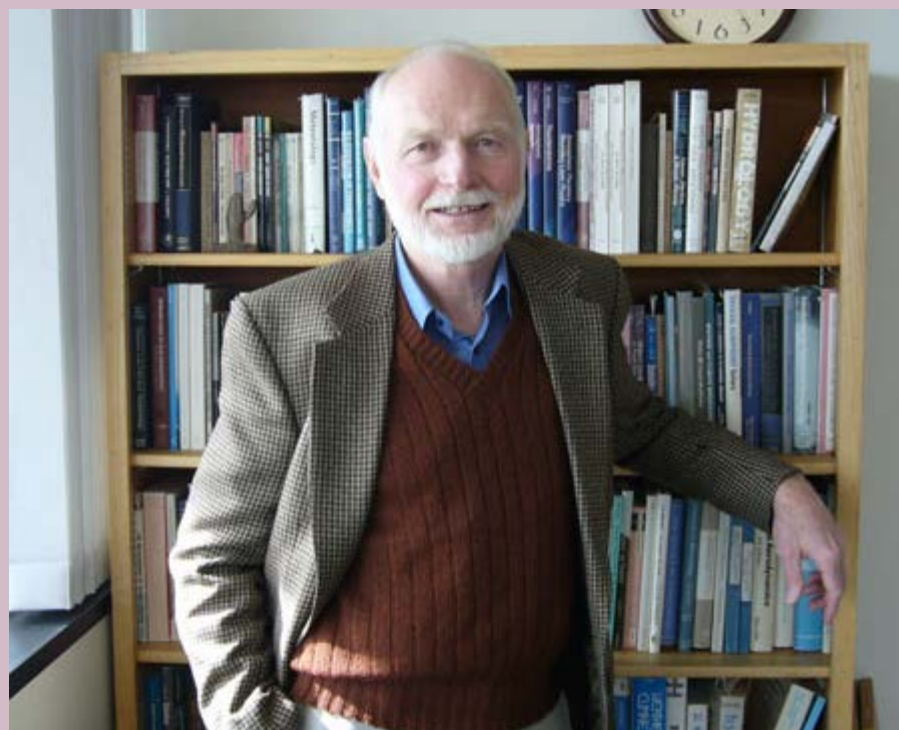
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Director's Message

BRANT FOOTE, RAL DIRECTOR

Welcome to the Research Applications Laboratory's Annual Report for FY2006. Our mission is to conduct directed research that contributes to the depth of fundamental scientific understanding, to foster the transfer of knowledge and technology for the betterment of life on earth, and to support technology transfer that expands the reach of atmospheric science. We are, at present, an organization with an annual budget of more than \$30M and a staff comprised of nearly 200 scientists, software engineers, and management/administration personnel. Although NCAR as a whole is largely funded by the National Science Foundation, RAL receives the vast majority of its funding from other sources such as domestic and international government agencies and private companies interested in exploiting the latest advanced weather technologies.



Brant Foote, RAL Director

In 2005 we reorganized the Laboratory into five programs dealing with research and applications in topics related to aviation, homeland security, hydrometeorology, weather systems and assessments, and numerical testbeds. The activities within each of these programs are detailed on the RAL website. In this year's Annual Report we take the opportunity to present our program in a different way, highlighting the many areas in which our work supports and advances the NCAR Strategic Plan.

Given our focus on applied atmospheric research and technology transfer, it is natural that much of our work contributes to Strategic Goal 2, Priority 2: "Building capacity for coping with weather and climate hazards." It is also interesting to note that many parts of our program map easily into other goals and priorities of NCAR's Strategic Plan. RAL scientists are engaged in fundamental investigations of earth-atmosphere interactions, in improving community models, in connecting science to decision making and public policy, in building scientific and technical capacity in developing countries, in creating new mathematical and statistical tools, and in improving instruments used to observe the atmosphere. In each of these activities, RAL works to bring science and technology to bear on problems that affect society.

DISCOVERIES

Historically, RAL's success has hinged on our ability to think

creatively and develop innovative solutions to problems. Twenty five years ago we prototyped the first windshear warning system for aviation which continues to save lives today. This year, in the process of conducting programs for their sponsors, two of our scientists made discoveries that we highlight here in the Annual Report. Joshua Hacker, a Scientist I working on several Department of Defense-funded efforts, considered the potential for surface observations to provide

information about the overlying atmosphere, particularly in the planetary boundary layer (PBL). Surface observations have proven difficult to assimilate in the past, but with mesoscale data assimilation and forecasting applications becoming common, surface observations offer a dense, robust, and inexpensive source of data that fills gaps not accurately observed by the synoptic balloon network or satellites. He asked, "What if we could assimilate surface observations via an ensemble filter to take advantage of flow-dependent covariance information without imposing additional dynamic balance constraints?" He then uses a simple column model and an ensemble filter to quantify the information available in surface observations over the Southern Great Plains.

David Johnson, a Project Scientist II, had a similar "what if?" moment. While considering how to use NASA satellite observations in FAA aviation weather products, David began to think about how to improve the observations themselves. Views from space, particularly from geostationary orbit, are inherently limited by an increasing loss of image resolution as one approaches the edge of the visible earth disk. This foreshortening of earth features is due to the curvature of the earth and the increasingly oblique viewing angle as seen from the satellite. David wondered, "What if we used new technology imaging systems based on two-dimensional charge coupled devices and focal plane arrays to offset the loss of resolution due to earth curvature?" The correction would be based on an optical adapter, either a lens or mirror depending on the design of the imaging instrument, which would stretch the imagery as one moves away from nadir just enough to offset the normal loss in resolution as one moves towards the edge of the earth disk. David has designed a lens to do just that, and has filed a patent application for this innovative discovery.

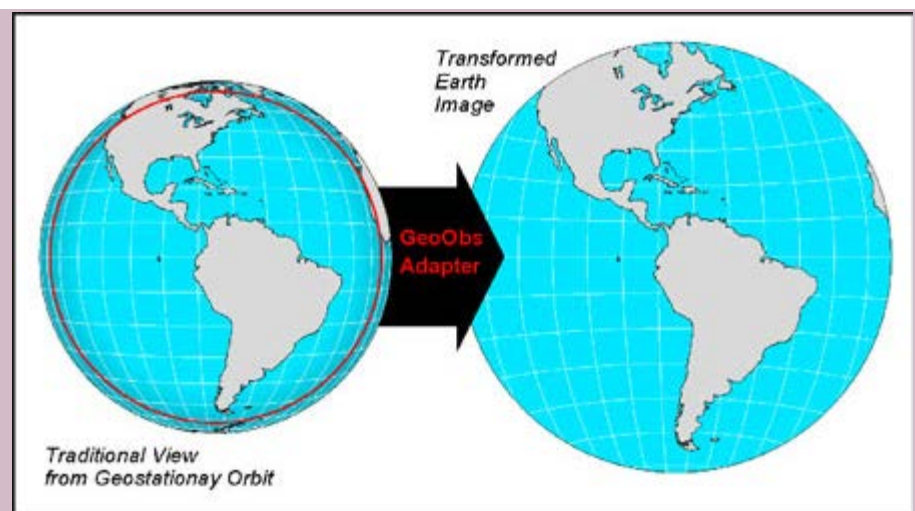
HIGHLIGHTS

This Annual Report provides short narratives on more than 30 programs conducted at RAL. Here I highlight five programs that significantly advance NCAR's strategic priorities.

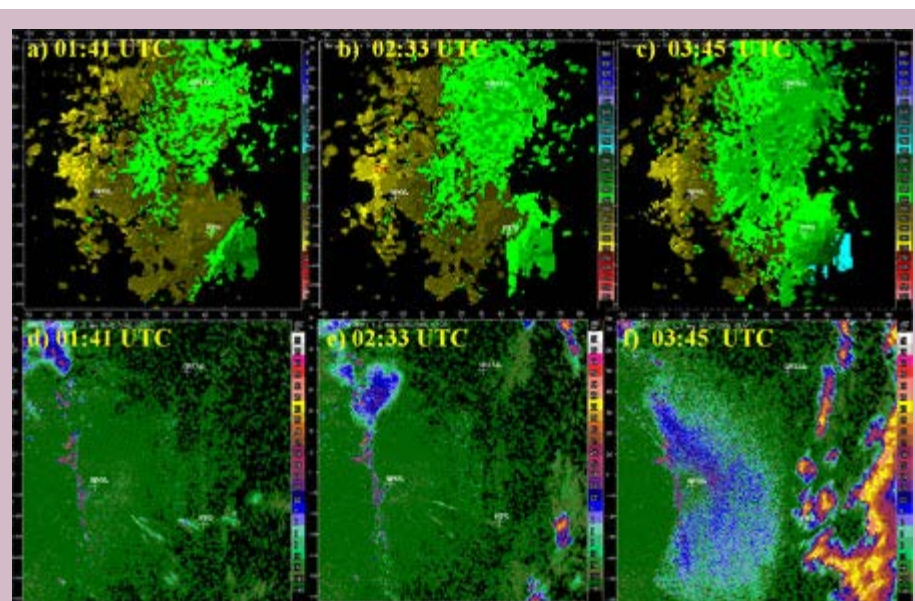
Investigating the interactions of the atmosphere, the broader Earth system, and human society

Highlight: The REFRACTT experiment

The lack of detailed, high-resolution water vapor measurements in the atmospheric boundary layer is one of the primary limiting factors in being able to predict



A New Way of Looking at the Earth from Space



Refractivity Experiment For H2O Research And Collaborative operational Technology Transfer (REFRACTT)

convection initiation and produce accurate quantitative

precipitation forecasts from numerical weather prediction models. During the summer of 2006, scientists took an important first step in addressing the need for an improved national, high-resolution moisture field by conducting the Refractivity Experiment For H2O Research And Collaborative operational Technology Transfer (REFRACTT). This effort is directed, not only toward improving our understanding of near-surface water vapor variability and the role it plays in the initiation of thunderstorms, but also on building operational advocacy for installing a new refractivity moisture retrieval technique on the national network of NEXRAD radars.

Improving prediction of weather, climate, and other atmospheric phenomena

Highlight: *Pentagon Shield program*

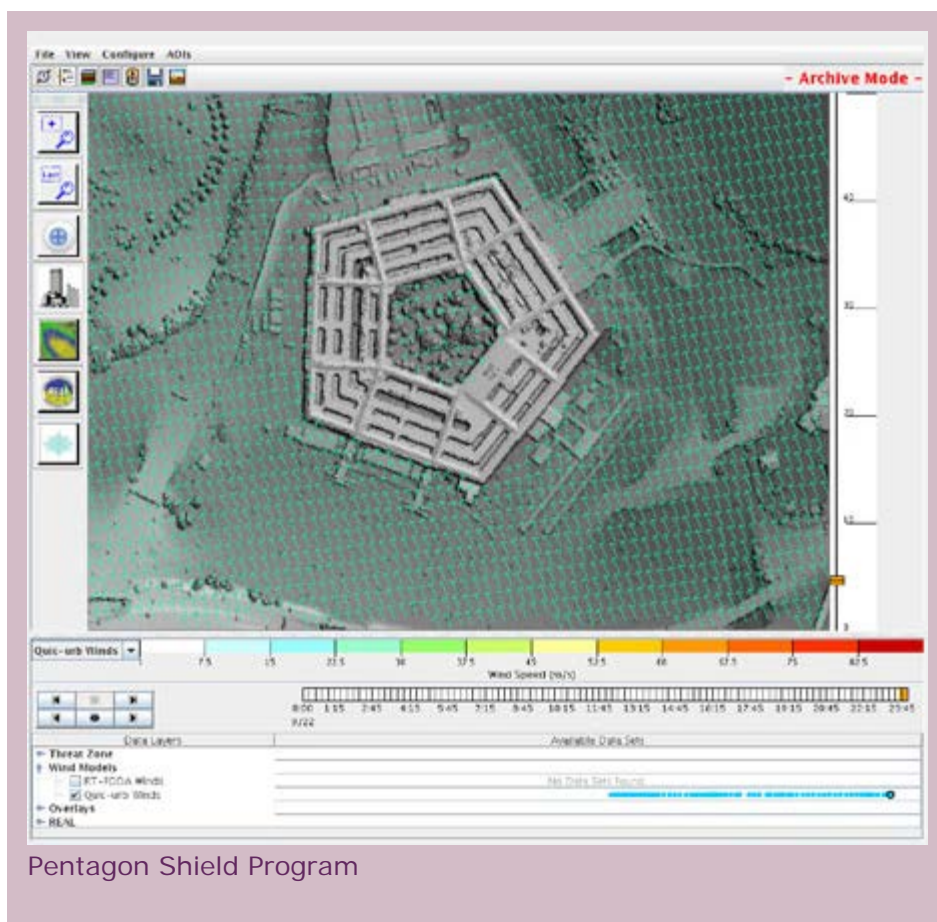
RAL scientists and engineers have developed and implemented a sophisticated transport and dispersion system aimed at diagnosing and forecasting hazards in the vicinity of the Pentagon. The system assimilates meteorological and contaminant observations from remote and *in situ* sensors into a complex linked system of models which operate together to represent atmospheric processes from the mesoscale to the building scale. In the event of a hazardous-material release, the system calculates the properties of the contaminant source (e.g., location), the current characteristics of the contaminant plume, and the future path of the plume. To honor this program's many accomplishments, we have nominated it for the 2006 UCAR Outstanding Performance Award for Scientific and Technical Advancement.

Investigating weather and climate information needs and decision making

Highlight: *Societal Impacts Program*

While we understand that weather affects all aspects of our lives as well as the nation's economy, no definitive assessment of weather's impacts has yet been performed. The Societal Impacts Program, a collaborative effort with ISSE, works to address this deficiency by conducting primary research, education and outreach efforts, and developing, and providing support for the weather impacts community. We are especially proud of the new Weather and Society*Integrated Studies (WAS*IS) effort, an innovative series of workshops, education and outreach activities, and community building efforts aimed at improving the integration of weather and social science practitioners, researchers, and stakeholders. In fact we have nominated

WAS*IS for the 2006 UCAR Outstanding Performance Award for Education and Outreach.



Pentagon Shield Program

Building capacity for coping with weather and climate hazards

Highlight: *Developmental Testbed Center*

As part of the reorganization of NCAR in 2005, the Developmental Testbed Center (DTC) was moved into RAL. The DTC is a national facility created in 2003 to facilitate the interaction of the operational and research communities in facilitating the transfer of new numerical weather prediction (NWP) technology from research to operations, thereby accelerating the improvement of numerical weather prediction for the nation. The DTC tests and evaluates various WRF model configurations so that the operational community can plan for changes and upgrades to the operational models and the research community has access to the latest NWP systems for testing and research. The DTC invites members of both

communities to visit its facilities to participate in the testing and evaluation of WRF, and it provides a support system to aid users in accessing and using WRF codes.

NCAR Strategic priority: Conducting computer science, computational science, applied mathematics, statistics, and numerical methods research and development

Highlight: Verification research and development

Much of the work we do at RAL is focused on improving weather forecasts. But how do we know if a new forecast is better than an existing one? Forecast verification by nature is a mathematical activity, and development of improved verification methods requires the application of advanced mathematical, statistical, and computational approaches. To develop and disseminate new forecast verification approaches, RAL scientists conduct research in several areas, including statistical methods, exploratory data analysis, statistical inference, pattern recognition, and evaluation of user needs. Their goal is to produce statistically-valid approaches (e.g., object-based evaluation of precipitation and convective forecasts, distribution-based schemes, etc.) that can provide more meaningful and relevant information about forecast performance, both for those who develop forecasts and for the decision makers who use them

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Message from CISL Director Al Kellie

Welcome. I am proud to present the FY 2006 Annual Report of NCAR's Computational and Information System Laboratory (CISL). As you browse this report, I am sure you will conclude as I have that this has been a particularly busy and productive year for CISL. In particular, I'd like to call your attention to the following highlights:

- CISL has led NCAR's Grid technology effort that resulted in NCAR officially joining the NSF TeraGrid project in June 2006, a significant step toward adding Grid technology to our HPC community service portfolio.
- The Earth System Modeling Framework (ESMF) went into production at the National Centers for



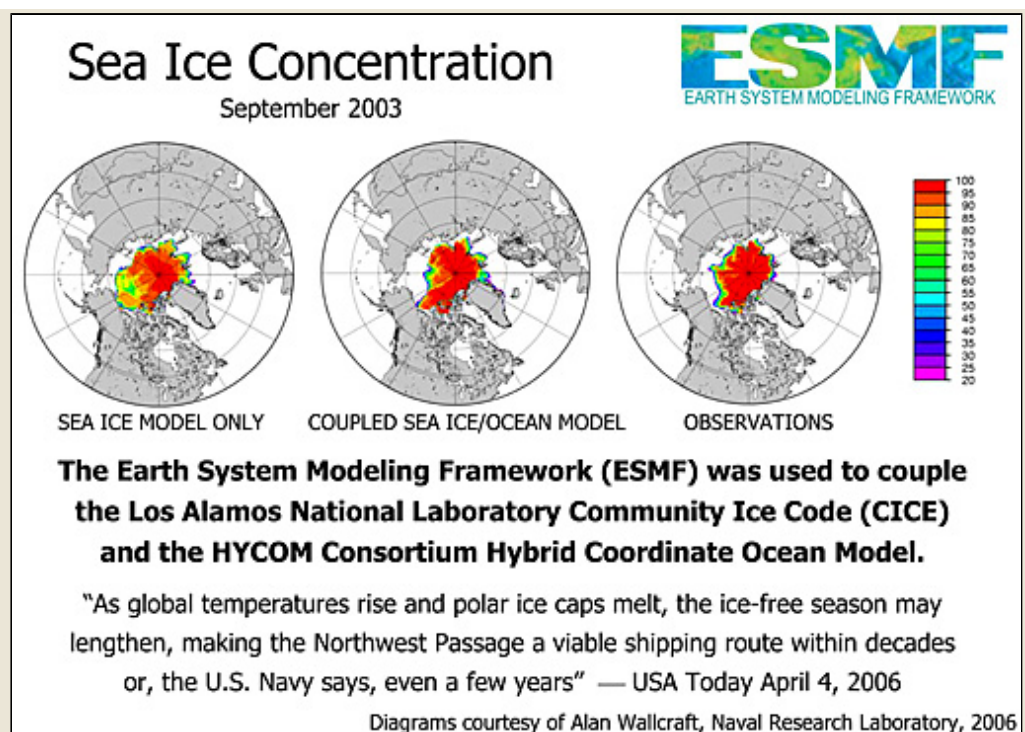
Al Kellie, CISL Director



NCAR TeraGrid Resource Provider Principal Investigator (RPPI) Dr. Richard Loft (right), describes NCAR's TeraGrid plans to NSF Director Dr. Arden Bement (center) and NSF Office of Cyberinfrastructure Director, Dr. Dan Atkins (left) at the first annual TeraGrid Conference in Indianapolis, shortly after Dr. Bement announced NCAR as the newest member of the TeraGrid Resource Provider community. [See the detailed report.](#)

Environmental
Prediction
(NCEP) in
August 2006.

- CISL completed procurement of its next-generation



This image illustrates the improvement in predicted sea ice concentrations achieved at the Naval Research Laboratory by taking a standalone sea ice model and coupling it to an ocean model using the Earth System Modeling Framework (ESMF), then comparing the output of the standalone and coupled versions with observations. ESMF, a software package based at NCAR and supported and developed by a multi-agency collaboration, defines standard software interfaces so that models from different research and operational sites can be combined into a variety of integrated systems. The image demonstrates that integrated modeling systems created using ESMF are being used to explore aspects of the Earth system that have far-reaching and profound social consequences. [See the detailed report.](#)



This satellite view of cumulus clouds rapidly developing into cumulonimbus formations indicates the importance of small-scale atmospheric phenomena. The reflective and convective qualities of the merging cumulonimbus formations make a significantly greater impact on the atmosphere than that of the cumulus clouds at the bottom of the photo. Techniques that allow long-term global models to resolve dynamic processes at this scale were explored at IMAGE's Theme of the Year workshops, and the methods now being developed are improving our ability to accurately simulate climate and weather. [See the detailed report.](#)

- CISL's Institute for Mathematics Applied to Geosciences (IMAGe) organized four significant and highly successful workshops under the Theme of the Year: "Emerging Mathematical Strategies for Multi-Scale and Stochastic Modeling of the Atmosphere and Climate."
- CISL organized two NSF-sponsored workshops designed to mobilize the geosciences in the area of cyberinfrastructure. The first, "Geoscience Application Requirements for Petascale Architectures" (GARPA), brought vendors and geoscientists together to discuss how to prepare their applications for petascale computing. The second, "High Performance Computing in the Geosciences," was an initial, community-building step toward realizing the concept of a Geoscience Collaboratory, a cyber-environment in which geoscientists can more effectively collaborate on their most challenging problems.

Improved Annual Report Design

This year's annual report is written in a condensed format designed to be easier to read and use. Only our most significant projects and programs are represented, and each is showcased with a brief overview report. Every report also displays a nugget of information consisting of an image with a caption that explains the importance of the work being shown. This new format provides readers with quick access to a broad spectrum of our work.

In addition, four highlight reports provide more detailed information about these important projects' purpose, timeframe, and accomplishments, along with project plan evaluation measures for the coming year. These metrics give readers the information needed to monitor our progress. Each detailed report concludes with a statement about the impact of the project on the community and society. For the interested reader or expert, we also offer the CISL Research Catalog, a repository for reports using a level of detail that our researchers feel is most descriptive and accurate.

Perhaps most notable, CISL's 2006 Annual Report features a new section entitled Discoveries. This section describes breakthroughs, new avenues of inquiry, and new findings that were not anticipated by the NCAR or CISL strategic plans. CISL reports on one breakthrough this year, a technique that will allow operational components of NCAR's flagship Community Climate System Model (CCSM) to be run on vastly larger numbers of processors at dramatically higher resolution with scientifically useful integration rates. Much work must still be done before the full promise of this discovery is realized, but this new approach appears to be a technically viable pathway toward efficiently utilizing the next generation of supercomputers.

CISL Advances NCAR's Strategic Priorities

CISL has primary responsibility for fulfilling NCAR's strategic goal to "Provide robust, accessible, and innovative information services and tools." The NCAR Strategic Plan names four strategic priorities under that goal, and CISL presents a highlight project for each of those priorities.

For NCAR's strategic priority of "Developing and providing advanced services and tools," we highlight CISL's efforts to integrate NCAR facilities and information resources with the TeraGrid. Our dedication to integration and collaboration across projects, scientific organizations, and technology is demonstrated by our expenditure of intellectual capital, funds, and human resources in joining the TeraGrid. CISL staff is leveraging existing efforts in developing Grid technologies and global, interoperable computing and data systems to support the success of the TeraGrid. We are fully engaged in and committed to applying our expertise to the success of the TeraGrid.

NCAR's strategic priority of "Creating an Earth system knowledge environment" is to continually develop new cyberinfrastructure that can be integrated into powerful, collaborative problem-solving environments that advance the community's ability to engage in research and scientific discovery and to construct complex workflows. The highlight project in this area is the Earth System Modeling Framework (ESMF). This project uses separate software components to represent physical domains and processes, then allows the construction of very complex models via interoperable code and standardized interfaces. It is a significant accomplishment to have ESMF in production at forecast center.

CISL has dramatically increased its programs specializing in computational science and numerical methods applied to modeling for the geosciences. In FY 2006, CISL had two research arms in these areas: SCD's Computational Sciences Section and IMAGe, the Institute for Mathematics Applied to Geosciences. IMAGe's series of four workshops based on the theme of multi-scale phenomena is this year's highlight

addressing NCAR's strategic priority of "Conducting research in computer science, applied mathematics, statistics, and numerical methods." The multi-scale techniques being developed today will have great value in capturing with fidelity the physical systems that geoscientists study.

To support NCAR's priority of "Enhancing capability and capacity of NCAR supercomputing," We highlight CISL's leadership in work being done to organize the geoscience research community to take maximum advantage of NSF's cyberinfrastructure investments: in particular, the vision of a geoscience collaboratory.

Also supporting NCAR's strategic priority of "Enhancing capability and capacity of NCAR supercomputing" is the latest supercomputer procurement that will more than double the current computing capacity at NCAR in FY 2007. Over its lifetime through 2011, the equipment contracted under ICESSE will advance the sustained capacity of NCAR computing from an estimated 1 TFLOPS in FY 2006 to more than 5 TFLOPS sustained in FY 2008. The modeling community is, of course, prepared to use that capacity as soon as it becomes available.

CISL also contributes to NCAR's education and outreach strategic goal of "Improving public awareness and understanding of our science." We highlight our education and outreach efforts in three areas: Visualization Lab Outreach Program, Training in Geoscientific Tools, and Conference Outreach. This work is covered in the fifth section of our annual report.

CISL provides a level of infrastructure support that is literally without peer anywhere in the country. Our ongoing goal is to provide a balanced computing environment that not only supports our traditional base of atmospheric sciences, but will also integrate with the larger geoscience community via distributed facilities such as the TeraGrid.

As we look to the future, we continually adapt ourselves and our organization to maximize our contribution to understanding the complexities of the Earth System. As you read this report, I hope you share our sense of excitement and expectation for significant progress in the future.

I invite you to review our accomplishments and plans in the [FY 2006 CISL Annual Report](#).

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ESSL Research Priorities for the Next 5-10 Years

- To Understand solar variability and evaluate its influence on the Earth
- To understand and predict two-way scale interactions within the Earth system
- To understand and predict the Earth's energy, water and biogeochemical cycles
- To understand and predict natural variability and human-influenced changes of the Earth system
- To understand and predict weather and climate that have high human impact

Director's Message

The Earth and Sun Systems Laboratory (ESSL) was established in October 2004 to develop an ambitious research program and to address some of the complex scientific questions that are directly related to major environmental challenges the world is facing. The overall objective of the Laboratory is *to perform fundamental studies of the dynamics of the Earth and Sun Systems across spatial and temporal scales, and to assess*

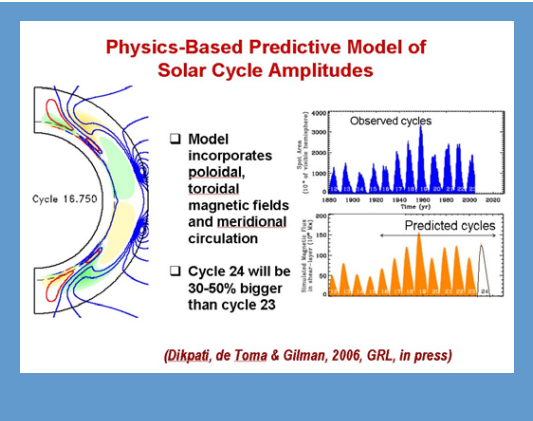


Guy Brasseur

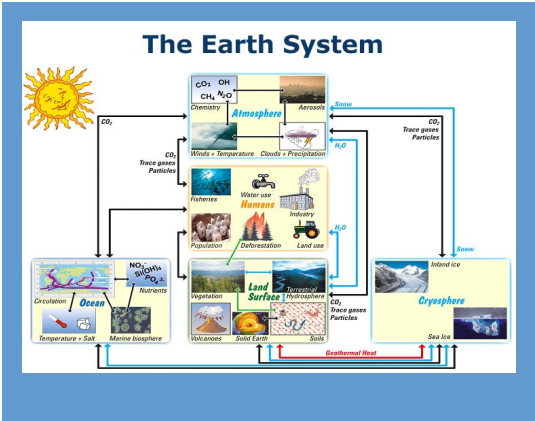
ESSL Director

how natural forcing processes and human-driven perturbations affect the evolution of the Earth's Systems and ultimately the habitability of our planet.

By performing an integrated study of the Earth and Sun Systems and the changes occurring in these systems, ESSL will provide key knowledge needed to develop a sustainable future for humankind. Specifically, the Laboratory will study the fundamental processes that determine the evolution of the Earth and Sun Systems, develop the tools needed to observe and analyze these processes, and to predict their evolution. This requires a full understanding of the processes that determine the variations in the Sun's radiative energy, of the mechanisms that determine the effects of solar radiation on the Earth's environment as well as of the interactions that exist between the physical, biological and chemical processes in the coupled atmosphere, land and ocean system. The ultimate goal is *to acquire the fundamental knowledge necessary to respond to global and regional environmental changes and to help societies to develop a sustainable future.*

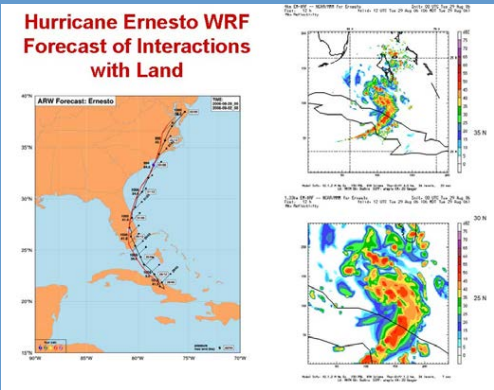


The Earth and Sun Systems laboratory (ESSL) includes 4 scientific Divisions (the Atmospheric Chemistry Division (ACD), the Climate and Global Dynamics Division (CGD),



A physically based-model of the solar magnetic field and meridional circulation developed by Dikpati, de Toma & Gilman, predicts that solar cycle 24 will be 30-50% larger than cycle 23.>.

[High resolution figure](#)



The WRF model predicts successfully the trajectory of Hurricane Ernesto between August 29 and September 2, 2006 along the east coast of the United States.

[High resolution figure](#)



The objective of this project was to characterize the extent, persistence, and potential impacts of the air pollution produced in the urban region of Mexico City on the surrounding areas. A field campaign that took place 1-29 March 2006 involved 60 participating institutions including 38 universities. It provided a unique opportunity for international cooperation and training of local students. The figure shows the pollution cloud observed by the NASA/UND DC-8 aircraft above Mexico City. The NCAR C-130 was also part of this field campaign.

[High resolution figure](#)

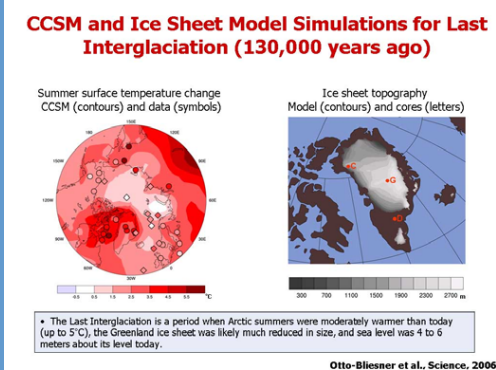
the High Altitude Observatory (HAO), and the Mesoscale and Microscale Meteorology Division (MMM)) as well as the newly created Institute for Integrative and Multidisciplinary Earth Studies (TIIMES).

As you will notice from the different detailed web pages that constitute the 2006 Annual Report, ESSL scientists accomplished a lot of exciting science in the last year. A major discovery of the research has been the development of a new methodology to predict the future solar cycle.

The establishment of a program focusing on space weather is another exciting initiative. The *Community Climate System Model* (CCSM version 3) has been used to successfully reproduce the evolution of climate since the pre-industrial era, and to provide projections of the climate during the next 100 years, based on possible

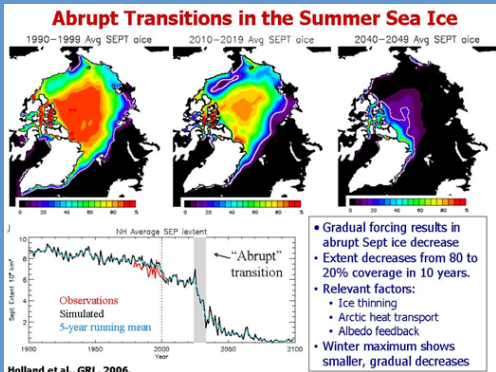
The Earth system includes the atmosphere, ocean, land surface, cryosphere and the human system. Complex interactions take place within each compartment, and also between them. Transport of mass, momentum and energy within the Earth system are driven by the energy provided by the Sun. A challenge for ESSL is to understand the processes that contribute to the dynamics of the Earth and Sun systems, and to predict the complex evolution of this system across timescales. Figure provided by M. Andreae, MPI-Chemistry, Germany.

[High resolution figure](#)

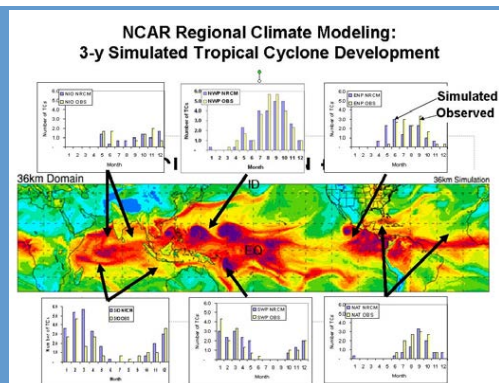


The Community Climate System Model was used to simulate the ice sheet during the last Interglacial period. The figure shows (left) the summer surface temperature change for the last interglacial period 130,000 years ago compared to present-day as derived by CCSM and from observational data. The figure (right) shows the ice sheet topography for the same period. These results suggest that summer warming of the Arctic of 4-5C led to a significant melting of the Greenland ice sheet and a complete melting of most of the other Arctic glaciers. Summer temperature anomalies in the Arctic may be as warm or warmer as 130,000 years ago by 2100 having implications for future sea level (Otto-Bleisner and CAPE Last Interglacial Project Members, 2006)

[High resolution figure](#)



ESSL scientists have examined the evolution of Arctic summer sea ice in seven projections from the Community Climate System Model and find that abrupt reductions are a common feature of these 21st century simulations. These events have decreasing September ice extent trends that are typically four times larger than comparable observed trends. In the most dramatic event,



In order to better simulate the role of the tropics in the climate system, ESSL scientists have nested a version of the Weather Research and Forecast (WRF) model into the global Community Climate System Model (CCSM). The figure shows a simulation of the development of tropical cyclones. The seasonal evolution of the number of cyclones simulated by the regional model is in very good agreement with the observed climatology.

[High resolution figure](#)

greenhouse gas emissions scenarios. This work represents a major contribution of NCAR to the

Intergovernmental Panel of Climate Change (IPCC). Many ESSL scientists have contributed as lead or contributing authors to the preparation of the fourth IPCC assessment report.

The development of the *Weather and Research Forecast Model* (WRF) has continued; this model is now used in different countries as a community tool by a large number of researchers in academic institutions and by operational weather forecast centers. This model was used, for example, to successfully forecast the trajectory of Katrina before it landed in New Orleans in September 2005. In March 2006, ESSL contributed to a large field campaign in Mexico City (MIRAGE/MILAGRO), whose purpose was to characterize the chemical/physical transformations and the ultimate fate of pollutants exported from large urban areas, and to assess the current and future impacts of these exported pollutants on regional and global air quality, ecosystems, and climate.

TIIMES was created to conduct and promote Earth science research across disciplines. The Institute promotes interactions for new and current initiatives associated with multidisciplinary Earth studies to be fostered, grown, and integrated. Beside managing cross-divisional Projects with large university participation, including the Biogeosciences initiative, the project on Water Across Scales, the Upper Troposphere/Lower Stratosphere initiative, and THORPEX, an international program aimed at improving weather forecasts, TIIMES hosted three very interesting summer meetings in Boulder on (1) gravity waves, (2) tropical convection and the weather-climate interface, and (3) water and biogeochemical cycles, respectively.

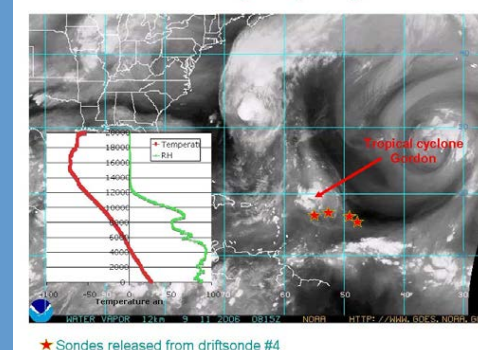
ESSL has, of course, great plans for the future. These include the development together with other Laboratories of a flexible modular *Earth System modeling framework* to address integrative scientific questions. In particular, the development of version 4 of the CCSM by the end of 2008 in preparation for the Intergovernmental Panel on Climate Change- Assessment Report 5 (IPCC AR5) is on the agenda of the Laboratory. Another important priority is the development of a Nested Regional Climate Model (NRCM) to study the seamless transition between weather and climate processes. Implementation of *field observations*, addressing interdisciplinary questions, including the interactions between dynamical, chemical, radiative and microphysical processes in the upper troposphere and lower stratosphere and the interactions between the continental biosphere, the water system, the carbon cycle, aerosols and cloud microphysics are also important priorities for the next 3 years. Research will be conducted to increase our

shown here, the ice cover goes from conditions similar to observed to essentially September ice free conditions in a decade. [For more information click here.](#)

[High resolution figure](#)

Driftsonde Data

Driftsonde 4 in the vicinity of tropical cyclone Gordon



Meteorological driftsonde has been launched in Western Africa as part of the AMMA (African Multi-disciplinary Analysis) field experiment and of the THORPEX (The Observing System Research and Predictability Experiment) Program. The purpose of this experiment conducted as a collaboration between CNES (the French Space Agency), CNRS and NCAR (with NOAA funding) was to advance understanding and improve prediction of the genesis of tropical cyclones and to understand the impact of dry Saharan Air on tropical convection (a stringent test of the convective parameterization schemes used in weather and climate models). The figure shows observations of the temperature and humidity profiles on 11 September 2006 near tropical cyclone Gordon.

[High resolution figure](#)

understanding of the *global water cycle*, to improve *weather forecasts, including hurricane predictions*, to observe, analyze and predict *chemical weather* at all scales, to better assess the impact of urban development on regional and *global air quality*, and to better predict the effects of *space weather* on the Earth System.

Guy P. Brasseur
Associate Director
NCAR Earth and Sun Systems Laboratory



SERE

Societal-Environmental Research and Education Laboratory

Advanced Study Program | Center for Capacity Building | Institute for the Study of Society and Environment

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Director's Message

Peter Backlund, Interim SERE Director

The Societal-Environmental Research and Education (SERE) Laboratory houses the Advanced Study Program (ASP), the Center for Capacity Building (CCB), a new entity created in 2005, and the Institute for the Study of Society and Environment (ISSE).

Through its three components, SERE promotes inter- and multidisciplinary research activities, engages in human and institutional capacity building and research related to climate/ environment/ societal interactions, and develops and sustains partnerships between NCAR scientists and their colleagues in universities and other institutions. SERE supports undergraduate, graduate, and postgraduate education and lifelong professional development activities.

SERE's primary focus is on two of the NCAR strategic goals: increasing societal resilience to weather, climate, and other atmospheric hazards, and cultivating a scientifically literate and engaged citizenry and a diverse and creative workforce. The research, outreach and educational activities in the SERE Lab contributed to almost every one of the NCAR strategic priorities in these two areas during FY2006.

SERE also plays an important role in pursuing NCAR's strategic goal of improving understanding of the atmosphere, the Earth system, and the Sun. ISSE research and computer modeling are contributing to improved understanding of the effects of climate change on ecosystems, and ISSE scientists, in collaboration with RAL and EOL, are making important strides in [investigating the interactions of the atmosphere](#), the broader Earth system, and human society.

In addition, it is important to note that SERE's [ASP postdoctoral fellows](#) contribute to research activities under all five NCAR strategic goals. These two-year appointments encourage the development of young scientists in the field of atmospheric science, direct attention to timely scientific areas needing special emphasis, and help NCAR and the community prepare for the future through the professional development of early career researchers. Approximately 10 new appointments are made annually for positions throughout the five NCAR Labs. Advances in these areas will be reported on separately within the NCAR Annual Report.



Peter Backlund, Interim SERE Director

Accomplishments

In FY2006, SERE diversified and broadened our research, education and outreach activities, resulting in a number of successful endeavors. SERE has forged new relationships with researchers and institutions in Central and South America, while maintaining our strong ties to our North American, European, and Asian counterparts. Through the FY2006 expansion of [Climate Affairs regional centers](#) in China and the creation of a Spanish [website on El Niño Affairs](#), the Center for Capacity Building has helped to broaden NCAR's reach.

Supported by special funding from NSF, the ASP continued its collaboration with the Inter-American Institute for Global Change Research (IAI) by hosting an inaugural two-week [colloquium](#) for students, professionals, and researchers from North and South America. This was one of nine national and international workshops and colloquia organized by SERE in FY2006 to bring together scientists, stakeholders, and researchers from around the globe from a broad set of backgrounds to assist in crossing traditional disciplinary boundaries. ASP also selected the first two IAI-ASP postdoctoral fellows during FY2006. A new ISSE Deputy Director, [Patty Romero-Lankao](#), was hired in July from Autonomous Metropolitan University in Mexico City, bringing new expertise in sustainability science, urban environments, and human impacts on the carbon cycle to NCAR.

SERE also made significant enhancements to our educational activities through ASP's launch of a new [Graduate Student Visitor](#) program and expansion of its [Faculty Fellowship](#) Program. The new Graduate Visitor Program provides support to graduate students in pursuit of their thesis research for three- to twelve-month periods. The Center for Capacity Building expanded its Climate Affairs Program during FY2006 to include two more centers in China and held an international, interdisciplinary [workshop for Southeast Asia](#) with support from NSF and the Asia Pacific Network for Global Change Research. More on all of these programs can be found in this report.

FY2007 Plans

In FY2007, research will continue into a variety of climate/environment/societal interactions, including analyses of regional modeling results in and further development of the scenarios in the North American Regional Climate Change Assessment Program ([NARCCAP](#)), validation of model projections of [climate extremes](#) and extreme events, and evaluation of the implications of future changes in [hydrology](#) for water system planning and management. ISSE scientists will also continue to collaborate with scientists in California to stay on the forefront of [California's climate change mitigation](#) and adaptation efforts.

ASP will continue the [core elements](#) of its program, including monthly seminars, bi-weekly research reviews, and monthly socials, along with the annual research planning sessions and ongoing mentoring that postdoctoral fellows receive. CCB will continue the development of several [interactive museum exhibits](#) that concentrate on climate-society interactions and will promote the further expansion of regional climate affairs activities by means of workshops and presentations at the UNFCCC COP-12 meeting in Nairobi, Kenya.

In summary, SERE continued to carry out a host of challenging, innovative projects, programs, and research activities during FY2006. This Lab Annual Report provides summary information and highlights, but does not embrace the entire scope of our research due to space limitations. I encourage readers who desire additional more detailed information to visit the SERE website.



The second biannual [Colloquium on Science and Health](#) was organized by ISSE and held in Boulder 16-22 July 2006, and exposed graduate and postgraduate students to methods for integrating climate change, climate variability and public health research. It included presentations, opportunities for students to discuss integrated work with leaders in their respective fields, and gain hands-on experience with analytic tools.