



1989-46

NCAR Hosts Global Tropospheric Chemistry Workshop

NCAR's Atmospheric Chemistry Division (ACD) hosted a workshop for the Global Tropospheric Chemistry Program (GTCP) on December 11–12 in Boulder. GTCP is a national program to investigate the causes and impacts of increasing concentrations of atmospheric gases that are changing the earth's climate. The results of this comprehensive research will be used to develop national and international policies to mitigate and/or cope with climate change.

Coordinated by Sasha Madronich and Guy Brasseur of ACD, the workshop informed the atmospheric sciences community about current and planned field projects related to GTCP and the availability of resources, including NCAR's field equipment and computing facilities. Speakers defined GTCP's contribution to international programs and the role of NSF, UCAR universities, and NCAR in coordinating and implementing these contributions.

The meeting opened on Monday with an overview of the program, followed by speakers representing NSF, the International Global Atmospheric Chemistry program, and Eurotrac (a joint European research program in tropospheric chemistry). Representatives from the Atmospheric Environment Service/Canadian Institute for Research in Atmospheric Chemistry, the World Meteorological Organization, and several U.S. agencies (NASA, NOAA, and DOE) described their organizations' tropospheric chemistry programs. Later, attendees heard presentations about specific activities, such as the Mauna Loa Observatory Photochemistry and the Global Atmospheric Gases experiments.

On the second day, working groups evaluated progress and problems in field measurement programs. Laboratory measurements, modeling, and transport were also discussed.

About 100 leading scientists from the United States as well as participants from Australia, Canada, the Federal Republic of Germany, France, and Norway attended the meeting. Among them were NCAR director Robert Serafin and associate director Peter Gilman. Besides Madronich and Brasseur, ACD staff participants included Elliot Atlas, Jack Calvert, Robert Chatfield, Christine Ennis, Alan Fried, Bruce Gandrud, John Gille, Claire Granier, James Greenberg, Lee Klinger, Allan Lazrus, Jean-Francois Muller, Brian Ridley, and Paul Sperry. The Atmospheric Technology Division attendees were Richard Carbone, Walter Dabberdt, Anthony Delany, Thomas Horst, Gregory Kok, and Steven Semmer. Other NCAR participants were Philip Rasch of the Climate and Global Dynamics Division; William Cooper, James Dye, and Philip Merilees of the Mesoscale and Microscale Meteorology Division; Bill Buzbee of the Scientific Computing Division; Alan Hills, Ralph Keeling, and Steven Oncley of the Advanced Study Program; and Paulette Middleton of the Acid Deposition Modeling Project.

The End

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