

Community Climate Model Workshop Held at NCAR

NCAR's Climate and Global Dynamics Division hosted the Second Workshop on the Community Climate Model (CCM) from July 27 to August 7, attracting more than 50 participants from as far away as Japan and Germany and UCAR universities throughout the U.S. and Canada.

The first week was devoted to scientific presentations given during nine different sessions, chaired by NCAR scientists Warren Washington, Bob Chervin, Dave Williamson, and Akira Kasahara.

The topics discussed included ocean surface temperature anomaly experiments, ocean interactions, radiation and transports, diagnostics, surface effects, the stratosphere, and prediction.

During the workshop a new version of the CCM model (CCM1) was announced, and the complete documentation for that model is now available in a series of technical notes from NCAR.

The new model incorporates improved numerics, radiation, closed treatment, boundary-layer physics, and the seasonal cycle. Ocean aspects are now being addressed as a modification to the new CCM1. This model, says Warren Washington, is considered the best documented general circulation climate model in the world.

The CCM advisory panel, which met during the two-week workshop, and the university participants felt that the CCM is performing an excellent service to the UCAR universities by providing a state-of-the-art, well documented model.

During the second week---the tutorial part of the workshop---graduate students, professors, and programmers from outside NCAR learned how to use the CCM model and run it on NCAR computers.

NCAR tutors J. Hack, L. Bath, L. Donner, G. Williamson, J. Kiehl, R. Wolski, T. Mayer, and R. Errico instructed the participants on how to process the results. The community of CCM users continues to move into expanding areas of atmospheric research with strong interdisciplinary connections that include oceanography, paleoclimatology, and geology.

Another CCM Workshop is planned for July 1989.

NCAR and UCAR member university scientists making presentations during these sessions included:

E. Pitcher -- University of Miami
M. Blackmon - NCAR
G. Bates - NCAR and the University of Wisconsin
S. Munoz - " " " " " "
Y. H. Lee - NCAR
T. C. Chen - Iowa State University
R. Chervin - NCAR
W. Washington - NCAR
G. Meehl - NCAR
A. Sempner - Naval Post Graduate School
S. Thompson - NCAR
L. Auer - Lawrence Livermore National Laboratory
R. Malone - " " " "
K. Trenberth - NCAR
J. Kutzbach - University of Wisconsin, Madison
P. Guettner - " " " "
M. Meyer - " " " "
R. Dickinson - NCAR
J. Geisler - University of Utah
R. Y. Tzeng - Iowa State University
M. C. Yen - " " "
B. Boville - NCAR
J. Kiehl - NCAR
D. Baumhefner - NCAR
J. Tribbia - NCAR
S. Mullen - NCAR
J. Walsh - University of Illinois
B. Ross - " " "
J. Paegle - University of Utah
L. Donner - NCAR
D. Williamson - NCAR
R. Errico - NCAR
A. Mizzi - NCAR
A. Kasahara - NCAR
F. Baer - University of Maryland
Ming Ji - " " "
P. Rasch - NCAR

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