

2008 AMS Summer Community Meeting
The Intersection of Weather and Climate
11-13 August 2008 · Boulder, Colorado

Sponsors: American Meteorological Society and University Corporation for Atmospheric Research

Objectives: To better define the roles of Weather and Climate Enterprise sectors, reach agreement on plans to move Enterprise priorities forward, and increase public and political awareness of the critical contributions to national and economic security provided by the Enterprise.

Planning Committee: **John Gaynor**, NOAA Office of Atmospheric Research and **Linda Miller**, UCAR Unidata Program, Co-Chairs. Other members of the Planning Committee:

Elliot Abrams, AccuWeather, Inc.
Eve Gruntfest, University of Colorado, Colorado Springs
Jim Giraytys, James Madison University
Veronica Johnson, NBC TV 4, Washington, D.C.
Kathy Lucas, Sonalysts, Inc.
Ed O'Lenic, NOAA National Weather Service
Matt Parker, Savannah River National Laboratory
Steve Tracton, Retired
Cindy Schmidt, UCAR Office of Government Affairs

Venue: Main Seminar Room at NCAR's Table Mesa Laboratory in Boulder, CO. Participation is limited to the first 100 registrants.

NCAR Visual Laboratory Demonstrations: When checking in at the onsite registration desk you may sign up for one of the demonstrations, which will be offered during the lunch, and afternoon breaks on Tuesday, 12 August 2008.

Registration Fee: \$85.00 (includes all breaks, two continental breakfasts, and a box lunch)

Housing: The deadline for guaranteed rates has now passed.

Homewood Suites by Hilton
4950 Baseline Road, Boulder, CO 80303, 303-499-9922
<http://www.google.com/search?q=boulder+homewood+suites>

Boulder Broker Inn
555 30th St, Boulder CO, 80303, 303-444-3330
www.boulderbrokerinn.com

Monday, 11 August 2008

- 1230–1300 Welcome, Overview, and Goals: **Rick Anthes**, President, University Corporation for Atmospheric Research (UCAR), **Matt Parker**, Savannah River National Laboratory, and **Joe Friday**, Professor Emeritus, University of Oklahoma
- 1300–1400 Keynote Presentation: **James B. Martin**, Executive Director of the Colorado Department of Public Health and Environment

Session 1: Communicating and Connecting Reports on Exciting Projects that Integrate Meteorology and Social Science

Session Chairs: **Eve Grunfest** and **Veronica Johnson**

- 1400–1405 New Ways to Communicate and Collaborate within the Weather and Climate Enterprise: **Eve Grunfest**, University of Colorado-Colorado Springs, and **Veronica Johnson**, NBC TV 4, Washington, D.C.
- 1405–1425 Overview of the NCAR Societal Impacts Program: **Jeff Lazo**, NCAR Societal Impacts Program (5 min)
- Weather & Society Integrated Studies (WAS*IS) Update: **Eve Grunfest**, University of Colorado, Colorado Springs and **Julie Demuth**, NCAR Societal Impacts Program (10 min)
- Overview of the National Weather Center Societal Impacts Programs: **Eve Grunfest**, University of Colorado, Colorado Springs (5 min)
- 1425–1505 Projects that Integrate Social Science and Meteorology (8 min each)
- WAS*IS Partnership Initiative: **Kevin Barjenbruch**, NWS/SLC WFO
 - Importance of Engaging Users and Understanding Their Needs: **Rebecca Morss**, NCAR/MMM
 - Results from the Communication of Uncertainty Survey: **Julie Demuth**, NCAR Societal Impacts Program
 - Sea Ice Forecasting: **Sheldon Drobot**, University of Colorado
 - Meaning of the Hurricane Cone of Uncertainty: **Gina Eosco**, AMS Policy Program
- 1505–1530 Break
- 1530–1600 Discussion; Moderators: **Eve Grunfest** and **Veronica Johnson**. Possible discussion questions:
- What are the opportunities to extend the collaborations across sectors and across disciplines to improve forecast effectiveness and broader understanding of weather and climate science?

- What innovative strategies can we recommend for increasing beneficial communication, collaborations, and coordination within all aspects of the enterprise, and among all sectors of the weather and climate community?

Session 2: Advances in Communication

Session Chairs: **John Gaynor**, NOAA/OAR and **Linda Miller**, UCAR/Unidata

1600–1700 AMS Ad Hoc Committee on Uncertainty in Forecasts (ACUF) Update: **Paul Hirschberg**, NOAA/NWS and **Elliot Abrams**, AccuWeather, Inc.

1700–1730 Annual Partnership Topic on Resilience to Hurricane Disasters: **Tim Spangler**, UCAR COMET Program and Chair of the AMS Board on Enterprise Planning

1730 Adjourn for day

Icebreaker Reception

1730–1930 Icebreaker Reception, NCAR Mesa Cafeteria and Patio
Co-sponsored by:
American Meteorological Society
Joint Center for Political and Economic Studies - Climate Change Committee

Tuesday, 12 August 2008

During the lunch and afternoon breaks on Tuesday the NCAR Visualization Laboratory will be available for demonstrations for those who sign up beforehand at the onsite registration desk.

0730–0800 Continental Breakfast

0800–0830 Going Beyond Climate Science: **Eric Barron**, NCAR Director

Session 3: The Interface between Weather and Climate

Session Chair: **Ed O'Lenic**, NOAA/NWS and Chair of the AMS Committee on Climate Services

0830–0900 Report on the May 2008 National Climate Services Webcast: **Ed O'Lenic**

0900–0930 What Are Climate Services and What Will They Look Like? **Art Degaetano**, Northeast Regional Climate Center

0930–1000 Where is the Interface between Weather and Climate? **Klaus Wolter**, Cooperative Institute for Research in Environmental Sciences, Boulder CO

- 1000–1030 Decision Support Systems—What Is Being Done Now? What Role Can the Enterprise Play? **Holly Hartmann**, Climate Assessment for the Southwest, Tucson, AZ
- 1030–1100 Break
- 1100–1130 Developing National Climate Services and NOAA Partnerships: **Mary Glackin**, NOAA Deputy Undersecretary for Oceans and Atmosphere
- 1130–1230 Panel Discussion: How do we define the roles of sectors (government, academic, private sectors)? Moderator: **Ed O’Lenic**, NOAA/NWS. Panelists (5 min each): **Holly Hartmann**, Climate Assessment for the Southwest; **Klaus Wolter**, Cooperative Institute for Research in Environmental Sciences; **Art DeGaetano**, Northeast Regional Climate Center; **Jim Cooper**, MDA Federal; and **Elliot Abrams**, AccuWeather.
- 1230–1330 Box Lunches in the NCAR cafeteria
- 1330–1515 The Emerging Interface between the Private, Federal, and Academic Sectors in Archiving and Disseminating Climate Information: **Berrien Moore**, CEO, Climate Central; **Tom Karl**, Director, NOAA/National Climatic Data Center; and **Steve Root**, CCM, President and CEO, Weather Bank, Inc., President Commercial Weather Services Association. (20 min each)
- 1515–1545 Break

Session 4: Weather and Climate Observations

Session Chair: **John Gaynor**, NOAA Office of Atmospheric Research

- 1545–1615 Report on the NRC Study on Mesoscale Observations: **Rit Carbone**, NCAR
- 1615–1645 Report on the National Mesonet AMS Annual Partnership Topic: **Fred Carr**, University of Oklahoma
- 1645–1715 Future AMS Annual Partnership Topics: **Tim Spangler**, UCAR COMET Program and Chair of the AMS Board on Enterprise Planning
- 1715 Adjourn for day

Wednesday, 13 August 2008

- 0800–0830 Continental Breakfast

Session 5: Communicating Community Priorities

- 0830–0930 Where Do We Stand Now? Session Chair: **Pam Emch**, Northrop Grumman and Chair of the AMS Board on Enterprise Economic Development
- Leading up to the **establishment of community priorities: Pam Emch** – Report on the 2008 AMS Public-Private Partnership Forum
- Roll-out of AMS Statement on National Weather and Climate Priorities: **Bill Hooke**, Director, AMS Policy Program, and **Matt Parker**, Savannah River National Laboratory
- Administration Transition Activities: **Jack Fellows**, UCAR
- 0930–0945 Break
- 0945–1130 Panel Discussion: Where do we go from here? Moderator: **Jack Fellows**, UCAR. The topics and panelists are:
- What Are the Opportunities for the Community to Speak More Effectively? **Joel Widder**, Lewis-Burke Associates
- Congressional Perspective: **Ana Unruh Cohen**, Deputy Staff Director, Select Committee on Energy Independence and Global Warming
- Corporate Perspective: **Joel Myers**, President and Founder of AccuWeather, Inc.
- Weather Coalition Perspective: **John Snow**, Dean, College of Atmospheric and Geographic Sciences, University of Oklahoma
- Perspective on the Future of NOAA (Legislation): **Eric Webster**, Vice President for Government and Industry Partnerships, ITT Corp, Space Systems Division, former NOAA Legislative Affairs Director
- Perspective on the Future of NOAA (Technology): **Sandy MacDonald**, NOAA/OAR Deputy Assistant Administrator for Laboratories and Cooperative Institutes and Director, NOAA Earth System Research Laboratory
- 1130–1200 Wrap-up and Summary of Actions from the Meeting: **Joe Friday**, AMS Enterprise Commission
- 1200 End of meeting and adjourn for post meeting activities

Post-Meeting Events

- 1300–1600 NOAA Earth System Research Laboratory's Role in Weather and Climate Science Presented on Science On a Sphere® in the David Skaggs Research Center
- 1300–1700 Meeting of the Steering Committee of the AMS Commission on the Weather and Climate Enterprise in the Fleishman Building