



## WEATHER AND CLIMATE EXTREMES IN A CHANGING CLIMATE

*Workshop Chairs: Gerald Meehl and Tom Karl*

**25-29 June 2007**

### WORKSHOP PARTICIPANTS

**PETER BROMIRKSI**

*Associate Project Scientist*

Scripps Institution of Oceanography  
Integrative Oceanography Division  
La Jolla, CA

**Expertise:** Interdecadal variability & characteristics of storms in the NE Pacific; coast impacts

**HAROLD BROOKS**

*Meteorologist*

National Severe Storms Laboratory  
Forecast Research & Development Division  
Norman, OK

**Expertise:** Severe weather, climatological Information

**TEREZA CAVAZOS**

*Associate Professor*

Centro de Investigacion Cientifica y de Educacion Superior de Ensenada (CICESE)  
Department of Oceanography  
San Diego, CA

**Expertise:** Regional climate variability, Monsoons

**STEWART COHEN**

*Senior Researcher*

Environment Canada  
Adaptation & Impacts Research Division

**Expertise:** Climate impacts & adaptation

**ARTHUR DOUGLAS**

*Professor/Chair*

Creighton University  
Atmospheric Sciences Department  
Omaha, NB

**Expertise:** Climate variability & extremes in the SW and Mexico

**DAVE EASTERLING**

*Chief*

National Oceanic & Atmospheric Administration  
Scientific Services Division  
Asheville, NC

**Expertise:** Observed climate change

**PASHA GROISMAN**

*Project Scientist*

National Climatic Data Center  
University Corp. for Atmospheric Research/  
Joint Office of Science Support  
Asheville, NC

**Expertise:** Climate change – extratropics

**WILLIAM GUTOWSKI**

*Professor*

Iowa State University  
Dept. Geological & Atmospheric Sciences  
Ames, IA

**Expertise:** climate change, regional climate simulation and modeling

**SUSAN JOY HASSOL**

*Analyst and Author*

Climate Communication

Basalt, CO

*Expertise:* climate change communication, global change science, energy and environmental policy

**GABI HEGERL**

*Associate Research Professor*

Duke University

Earth and Ocean Sciences Department

Durham, NC

*Expertise:* Global climate change, atmospheric science, statistics

**GREG HOLLAND**

*Director*

National Center for Atmospheric Research  
Mesoscale & Microscale Meteorology Division  
Boulder, CO

*Expertise:* Tropical meteorology, hurricanes, severe local storms

**TOM KARL**

*Director*

National Oceanic & Atmospheric  
Administration

National Climatic Data Center

Asheville, NC

*Expertise:* Global climate change, extreme weather events

**THOMAS KNUTSON**

*Research Meteorologist*

National Oceanic & Atmospheric  
Administration

Climate Dynamics Group/Geophysical Fluid  
Dynamics Laboratory

Forrestal Campus

Princeton, NJ

*Expertise:* Climate modeling, hurricanes and climate

**PAUL D. KOMAR**

*Professor of Oceanography*

Oregon State University

College of Oceanic & Atmospheric Sciences

Corvallis, Oregon

*Expertise:* Coastal erosion; ocean waves, sea levels and climate controls

**JIM KOSSIN**

*Atmospheric Research Scientist*

University of Wisconsin-Madison

Cooperative Inst. for Meteorological Satellite  
Studies

Madison, WI

*Expertise:* Hurricane research, tropical meteorology

**KENNETH KUNKEL**

*Director, Center for Atmospheric Sciences*

Center for Atmospheric Sciences

Illinois State Water Survey

Champaign, IL

*Expertise:* Observed trends in climate extremes

**DAVID LEVINSON**

*Physical Scientist*

National Oceanic & Atmospheric  
Administration

Scientific Services Division/Climate  
Monitoring

Asheville, NC

*Expertise:* Extra-tropical cyclones, nor'easters, coastal hazards & extremes

**JERRY MEEHL**

*Senior Scientist*

National Center for Atmospheric Research  
Climate and Global Dynamics Division

Boulder, CO

*Expertise:* Climate modeling

**CHRIS MILLER**

*Program Manager*

National Oceanic & Atmospheric  
Administration

Climate Program Office

*Expertise:* Climate data, detection and attribution, paleoclimate

**RICHARD MURNANE**

*Program Manager*

Bermuda Institute of Ocean Science  
Risk Prediction Initiative

Garrett Park, MD  
**Expertise:** Tropical cyclones, climate

**BILL MURRAY**  
*Research Meteorologist*  
National Oceanic & Atmospheric  
Administration  
Climate Program Office/Research Division  
Silver Spring, MD  
**Expertise:** Data set development

**TOM PETERSON**  
*Management Support*  
National Oceanic & Atmospheric  
Administration  
National Climatic Data Center/Director's  
Office  
Asheville, NC  
**Expertise:** Convening lead author of  
"Ch. 1 – Assessment of changes in extremes  
using daily in situ data"

**ROGER S. PULWARTY**  
*Physical Scientist and Director, National  
Integrated Drought Information System*  
National Oceanic & Atmospheric  
Administration  
Climate Program Office  
Boulder, CO  
**Expertise:** Impacts, adaptation, policy, climate

**RICHARD SMITH**  
*Professor*  
University of North Carolina  
Statistics and Operations Research  
Department  
Chapel Hill, NC  
**Expertise:** Statistics

**JOHN M. R. STONE**  
*Adjunct Research Professor*  
Carleton University  
Geography and Environmental Studies  
Ottawa, ONT  
Canada  
**Expertise:** Climate & atmospheric science,  
environmental policy

**RONALD J. STOUFFER**

*Senior Research Meteorologist*  
National Oceanic & Atmospheric  
Administration  
Climate Dynamics Group/Geophysical Fluid  
Dynamics Laboratory  
Princeton, NJ

**Expertise:** Climate modeling  
**SARA VEASEY**  
*Visual Information Specialist*  
National Oceanic & Atmospheric  
Administration  
Scientific Services Division  
Asheville, NC  
**Expertise:** Visual communication, graphic  
design

**ANNE WAPLE**  
*Scientific Editor*  
National Oceanic & Atmospheric  
Administration  
National Climatic Data Center  
Veach-Baley Federal Building  
Asheville, NC  
**Expertise:** Climate monitoring, global change,  
scientific communication

**PETER WEBSTER**  
*Professor*  
Georgia Institute of Technology  
School of Earth & Atmospheric Sciences  
Atlanta, GA  
**Expertise:** Ocean and atmosphere dynamics

**MICHAEL WEHNER**  
*Staff Scientist*  
Lawrence Berkeley National Laboratory  
Computational Research Division  
Berkeley, CA  
**Expertise:** Generalized extreme values

**FRANCIS ZWIERS**  
*Director*  
Environment Canada  
Climate Research Division  
Toronto, ONT  
Canada  
**Expertise:** Statistical analysis

**CONFERENCE CONVENOR:**

**John Katzenberger**

Director

Aspen Global Change Institute

Aspen, CO

**Expertise:** Education, global environmental  
change

**CONFERENCE COORDINATORS:**

**MARTA DARBY**

*Office Manager*

Aspen Global Change Institute

Aspen, CO

**Michelle Masone**

Program Assistant

Aspen Global Change Institute

Aspen, CO