

F. Service



ESRL Physical Sciences Laboratory Review

David Skaggs Research Center
Boulder, Colorado
March 9-12, 2010

Global Systems Division Service (2000 and Later)

Service in technical and scientific societies, such as journal editorships, elections to boards or executive-level offices, service on U.S. interagency groups, service of individuals on boards and committees of international research coordination organizations.

International

Jennifer Mahoney, Member, Joint Planning and Development Office of Environmental Information Integrated Project Team (IPT), and the Weather Integration IPT

William Moninger, Technical Expert for the World Meteorological Organization (WMO) Aircraft Meteorological Data Relay (AMDAR) Panel

Tom Schlatter

- Scientific Steering Committee, International H2O Project (IHOP), 2001–2002
- Member, Expert Team on Observational Data Requirements and Redesign of the Global Observing System, under the Commission on Basic Systems, World Meteorological Organization (WMO)

Zoltan Toth

- Member, International Core Steering Committee (ICSC) for The Observing Research and Predictability Experiment (THORPEX), 2009–Present
- Co-chair, THORPEX Global Interactive Forecasting System (GIFS)- THORPEX Interactive Grand Global Ensemble (TIGGE) Working Group, 2007–Present
- Secretary for Predictability Section in the Nonlinear Processes in Geosciences Division of the European Geophysical Union, April 2003 – Present

National/Interagency and White House

Michael Barth, NOAA Meteorological Assimilation Data Ingest System (MADIS) Transition Team

Stan Benjamin

- Lead, Product Development Team for Model Development and Enhancement
- Federal Aviation Administration (FAA) Aviation Weather Research Program (AWRP), 2006–current

Richard Jesuroga

- Currently the head of the Geo-Targeted Alerting System Project, a joint project between NOAA and the Department of Homeland Security
- Served on the Interagency Panel for Surface Observations, a NOAA, Federal Highways Administration, Department of Defense and Federal Coordinator for Meteorology group

Patricia Miller

- Federal Committee for Integrated Observing Systems (CIOS), 2005
- Federal Highway Administration (FHWA) Clarus Initiative Coordinating Committee 2006
- FHWA Clarus Initiative Coordinating Committee Observation, Quality Control (QC), and Metadata Task Forces
- NOAA Meteorological Assimilation Data Ingest System (MADIS) Transition Team

Tom Schlatter

- Science Steering Committee, U.S. Weather Research Program, 1995–2002
- Lead, Product Development Team for Model Development and Enhancement
- Federal Aviation Administration (FAA) Aviation Weather Research Program (AWRP), 2000–2004
- Member, Scientific Steering Committee, Joint Center for Satellite Data Assimilation, operated by NOAA and National Aeronautics and Space Administration (NASA)

Lynn Sherretz

- NextGen Joint Planning and Development Office
- Weather Working Group Info Tech and Environmental Services Team, Environmental Info Team, and Demonstration

Zoltan Toth, Chair, US The Observing Research and Predictability Experiment (THORPEX) Executive Committee

Professional Societies**Editorships**

Steven Koch, Editor, Weather and Forecasting (American Meteorological Society)

Tom Schlatter, Chair, Interim Editorial Board for the Bulletin of the American Meteorological Society (BAMS), 2000–2003

Ed Szoke, 2nd term as Associate Editor of Weather and Forecasting (American Meteorological Society), 2007–present

Zoltan Toth

- Editor, Nonlinear Processes in Geophysics (2001–Present)
- Editorial Board Member, Idojaras (2004–Present)

Tomislava Vukicevic, Associate Editor, Monthly Weather Review (American Meteorological Society)

Other

Curtis Alexander, Scientific and Technological Activities Commission (STAC) Committee, American Meteorological Society for Severe Local Storms

Dan Birkenheuer, American Meteorological Society Satellite Meteorology and Oceanography committee member, 1999–2002

John Brown

- American Meteorological Society Committee of Mesoscale Processes
- American Meteorological Society Program Committee for Severe Local Storms

Steve Koch

- American Meteorological Society Committee on Mesoscale Processes
- American Meteorological Society Committee of Judges for Undergraduate Awards
- Co-Chair, 12th American Meteorological Society Conference on Mesoscale Processes
- Co-convener of American Meteorological Society short course “A Primer on Radar Analysis Techniques used in Mesoscale Meteorology
- Linked Environments for Atmospheric Discovery (LEAD) External Advisory Panel
- National Research Council Advisor; Lead, Federal Aviation Administration (FAA) Model Development and Enhancement Project Development Team (PDT)
- Co-lead, FAA Turbulence PDT
- Science Steering Committee, Joint Center for Satellite Data Assimilation

Alexander E. MacDonald, Panel on Mesoscale Research for the National Research Council, American Meteorological Society Committee on Aviation, Range, and Aerospace Meteorology

Scott Mackaro, Board of Higher Education; American Meteorological Society

John Osborn, Senior Member and Special Interest Group on Science Writing for the Society for Technical Communications

Steven Peckham, Scientific and Technological Activities Commission; Atmospheric

Woody Roberts, Co-Chair - American Meteorological Society Committee on Interactive Information and Processing Systems for Meteorology, Oceanography, and Hydrology

Tom Schlatter

- American Meteorological Society Nominating Committee (for President and Council members), 2006–2008, Chair in 2008
- American Meteorological Society Committee on Weather Forecasting and Analysis, Co-Chair, 2001–2004;
- 8th, 9th, and 10th Symposia on Integrated Observing and Assimilation Systems for Atmosphere, Ocean and Land Surface, held in 2004, 2005, and 2006, respectively, in conjunction with the Annual Meeting of the American Meteorological Society

- European Geosciences Union (EGU) Expert Team on Observational Data Requirements and Redesign of the Global Observing System, under the Commission on Basic Systems

Lynn Sherretz, Team Chaired American Meteorological Society Committee on Aviation, Range and Aerospace Meteorology (ARAM)

Ed Szoke

- American Meteorological Society Committee on Severe Local Storms 1989–1997
- Head, American Meteorological Society Committee on Severe Local Storms 1995–1997
- Appointed to American Meteorological Society Committee on Weather Analysis and Forecasting 2008–present

Zoltan Toth

- Member, U.S. Weather Research Program (USWRP) Prospectus Team
- Expert for BARC on Numerical Weather Prediction (NWP) forecasting issues

Tomislava Vukicevic, Committee in Atmospheric Biosciences

Betsy Weatherhead, American Geophysical Union Scientific Advisory Group for Ultraviolet (UV) Radiation

University and Joint Institute

Curtis Alexander

- Graduate Student Senate Chair, External Affairs Committee, University of Oklahoma, Oklahoma
- Chair, Student Affairs Committee, University of Oklahoma, Oklahoma School of Meteorology

Rainer Bleck

- University of Miami, Florida Associate Professor, Professor, Division Chairman
- Columbia University, Research Scientist

John Brown

- Affiliate Faculty Member on various PhD. Committees: Department of Atmospheric Science, Colorado State University, Ft. Collins, Colorado
- Department of Aerospace Engineering, University of Colorado, Boulder, Colorado
- School of Meteorology, University of Oklahoma, Oklahoma
- Rosenstiel School of Marine and Atmospheric Sciences, University of Miami, Florida

Steve Koch

- Adjunct Professor, North Carolina State University
- Technical Monitor, NOAA Educational Partnership Program (EPP) Minority Serving

Institution Interdisciplinary Scientific Environmental Technology (ISET) Cooperative Science Center at North Carolina A&T University

- Associate Faculty Member, Iowa State University, 2005–present

Andrew Loughe, Faculty at University of Colorado at Boulder

Chungu Lu

- Adjunct Professor, Institute of Atmospheric Physics, Chinese Academy of Science, 2005–present
- Adjunct Professor, Chinese Academy of Meteorological Science, China Meteorological Administration, 2007–present
- Advising Professor, Department of Marine Meteorology, China Ocean University, 2008–present

Adam Mabrouk, Lecturer, Murray State University, Murray, Kentucky

Joseph Olson

- Graduate Program Committee Member, Marine Science Research Center, Stony Brook University, New York
- Teaching Practicum Committee, Stony Brook University, New York

Steven Peckham, Graduate Committee Advising Professor, Florida State University, Florida

Thomas Schlatter, Lecturer, Colorado School of Mines National Science Academy, Golden, Colorado, summer 2002 and 2003, for middle school and high school science teachers

Zoltan Toth

- Guest Lecturer, University of Maryland 2000-2009
- Columbia University, New York, 2004-2005
- Howard University, Washington DC, 2004

Tomislava Vukicevic

- Member of Ph.D. committees in the Atmospheric Science Department at Colorado State University, Ft. Collins, CO
- Organizing committee chair for Cooperative Institute for Research in the Environmental Sciences – Acoustic Thermometry of Ocean Climate (ATOC) workshop on Graduate Education Initiative in Inverse Modeling and Data Assimilation at University of Colorado, Boulder, Colorado

Kelli Werlinich, Adjunct Professor, DeVry University; Adjunct Professor, Colorado Technical University

Industry

Stan Benjamin, Lecturer, Utility Wind Integration Group (UWIG), 2009–2010

Thomas Schlatter

- Program Scientist for New England Pilot Project for Improving Air Quality and Surface Temperature Predictions, 1999–2004
- Advisory Board of the Developmental Test Center, Boulder, Colorado, 2005–2008

NOAA

Stan Benjamin, Lead, Global Modeling Team – NOAA Hurricane Forecast Improvement Project

Russell Chadwick, Founder and operator of the Citizen Weather Observer Program (CWOP) that collects surface weather data from approximately 5,000 stations around the world and brings these real-time data into NOAA Research

Steve Koch, Deputy Director, Developmental Testbed Center; Weather Research and Forecast (WRF) Executive Oversight Board

Patricia Miller, Weather Research and Forecast (WRF) model Data Handling and Archive Working Group, 2001

Greg Pratt, Technical Lead for the Geo-Targeted Alerting System (GTAS) project, a prototype implementation of the latest developments in plume modeling, high-resolution weather models, and network enabled operations for NOAA's National Weather Service (NWS)

Ann Reiser, Member of the Boulder Outreach and Coordinating Council and Earth System Research Laboratory Outreach Team

Tom Schlatter

- Chair, Test and Evaluation Working Group, North American Observing System (NAOS) Program, NOAA, 1996–2002
- Lead, Data Assimilation Development Team for the Weather Research and Forecasting (WRF) model, 2000–2004
- Observations Integrated Planning Team for the National Weather Services' Science and Technology Infusion Plan

Sher Schranz, NOAA External Fire Weather Research Science Advisory Board: Subject Matter Expert

Susan Williams, Member of the Boulder Outreach and Coordinating Council

Zoltan Toth

- NOAA US The Observing Research and Predictability Experiment (THORPEX) Program Manager, 2003–2009
- Co-Chair, Ensemble Prediction and Post-processing Team for NOAA Forecast Uncertainty program (NFUSE)

Will von Dauster, Chair of Boulder Labs Diversity Council

Linda Wharton, Secretary of Boulder Labs Diversity Council

OAR

Ann Reiser

- Member, Office of Oceanic and Atmospheric Research (OAR) Communications Team
- Member, Executive Management Team (EMT)

PSD Service (2000 and Later)

In technical and scientific societies, such as journal editorships, elections to boards or executive-level offices, service on U.S. interagency groups, service of individuals on boards and committees of international research coordination organizations

International

Michael Alexander, Member, GLOBEC Scientific Steering Committee (2004–Present)

Gil Compo

- Member, GCOS/WCRP Working Group on Observational Data Sets for Reanalysis (2007–Present)
- Co-convener, GCOS AOPC/OOPC Working Group on Surface Pressure (2003–Present)
- Member, GCOS AOPC/OOPC Working Group on Surface Pressure (2001–2003)

Randy Dole

- Member, Steering Committee, Pacific Climate Information System (PaCIS) (2008–Present)
- Member, U.S. delegation for the IPCC Fourth Assessment Working Group 1 report

Thomas Hamill

- Member, WMO Working Group on Numerical Experimentation (WGNE) (2008–2001)
- Member, HEPEX Steering Committee (WMO-supported project) (2006–Present)
- Member, International THORPEX Data Assimilation and Observing Systems Committee (2008–2011)

Jeffery Hare, Executive Officer, Surface Ocean Lower Atmosphere Study (SOLAS) (2005–2008)

Martin Hoerling

- Chairman, U.S. CLIVAR (2007–Present)
- Member, IPCC Expert Team on Climate Attribution (2009–Present)
- Lead Author, U.S. Climate Change Program CCSP SAP 1.3, CH3: Attribution of the Causes of Climate Variations and Trends over North America during the Modern Reanalysis Period
- Member, core writing team, Good Practice Guidance Paper on Detection and Attribution Related to Anthropogenic Climate Change, IPCC Expert Meeting on Detection and Attribution Related to Anthropogenic Climate Change (2009)
- Panel Member, U.S. CLIVAR Prediction, Predictability, and Applications Interface (2005–2007)

George Kiladis, Contributing Author, Chapter 3, IPCC Working Group 1, 4th Assessment Report (2007)

Lev A. Ostrovsky, Member, Foreign Advisory Group of Acoustical Physics (Russian Journal)

Robert Pincus

- Chair, Scientific Steering Committee of the GEWEX Cloud System Study group (GCSS) (2006–2009)
- Member, WCRP (World Climate Research Program) WGNE (Working Group on Numerical Experimentation) Panel on Performance Metrics for Evaluation of Climate Models (2009–Present)

Robert Webb, Member, U.S. delegation for the IPCC Fourth Assessment Working Group 1 report

Klaus Weickmann, Member, CLIVAR Madden Julian Oscillation (MJO) Working Group (2006–2009)

Gary A. Wick, Member, International Group for High-Resolution Sea Surface Temperature Science Team (GHR SST) (2001–Present)

Scott Woodruff

- Member, Joint CCI–CLIVAR–JCOMM Expert Team on Climate Change Detection and Indices (ETCCDI) (2006– Present)
- Chairperson, JCOMM Expert Team on Marine Climatology (ETMC) (2005–Present), Member (2001–Present)
- Scientific Advisor, JCOMM Voluntary Observing Ship (VOS) Climate (VOSCLIM) Project (2005–Present)
- Member, OceanSITES Data Management Team (2003–Present)
- Member, GCOS (AOPC/OOPC) Working Group on Surface Pressure (WG–SP) (2001–Present)

National/Interagency and White House

Michael Alexander

- Co–Chair, U.S. CLIVAR Phenomena, Observations and Synthesis (POS) Panel (2007–Present), Member (2005–Present)
- Co–Chair, U.S. CLIVAR Western Boundary Current Working Group (2007–Present)
- Co–Organizer, U.S. CLIVAR Western Boundary Current Workshop, Phoenix, AZ, (2009)

Jian–Wen Bao, Member, Technology Transition Processes (TTP) committee for the National Unified Operational Prediction Capability (NUOPC), an inter–agency committee of the Department of Commerce (National Oceanic and Atmospheric Administration) and the Department of Defense (Oceanographer and Navigator of the Navy and Air Force) (2009–Present)

Randall Dole

- Member, U.S. Delegation, for Intergovernmental Panel on Climate Change Working Group I Fourth Assessment Report, “Climate Change 2007: The Physical Science Basis (2007)

- Editor and Chair of Authors' Team, U.S. Climate Change Synthesis and Assessment Report 1.3: "Reanalysis of Historical Climate Data for Key Atmospheric Features: Implications for Attribution of Causes of Observed Change" (2006–2008)
- U.S. Government expert reviewer, IPCC WG1 Fourth Assessment Report (2006)
- Chair, Author Team, and Lead agency representative, CCSP Synthesis and Assessment Product 1.3: "Reanalysis of Historical Climate Data for Key Atmospheric Features: Implications for Attribution of Causes of Observed Change" (2005–2008)
- Member, Subcommittee "Near-term Opportunity" task force on Drought, National Science and Technology Council(NSTC)/Committee on Environment and Natural Resources (CENR)/U.S. Group on Earth Observations (USGEO) (2005–2006)
- Member, Subcommittee for Disaster Reduction "Grand Challenge" task force on Drought, National Science and Technology Council(NSTC)/Committee on Environment and Natural Resources (CENR) (2005)
- Co-lead Author, "Climate Variability and Change" chapter, contributing author, and "Climate Modeling Strategy" chapter of the U.S. Climate Change Science Program (CCSP) Strategic Plan (2002–2003)
- Co-chair, Interagency Working Group, "Climate Variability and Change" and "Climate Modeling" components of the U.S. Global Change Research Program (2001–Present)
- Core team member for plan to develop a National Integrated Drought Information System (2003–2005)

Chris Fairall, Member, U.S. CLIVAR Working Group on High-Latitude Surface Fluxes (2008–Present)

George Kiladis, Member, U.S. CLIVAR Pacific Implementation Panel (2000–2003)

William Neff, NOAA representative to the Scientific Advisory Board, Strategic Environmental Research and Development Program (SERDP) (2000–Present)

Roger Pulwarty, Director, NIDIS Program Office, National Integrated Drought Information Service (2005–Present)

Marty Ralph, Chair, NOAA/U.S. Weather Research Program (USWRP) Executive Committee (2004–Present)

Matthew Shupe, Member, NSF Facilities Assessment, Surface-based remote sensing subcommittee (2007–2008)

Amy Solomon, Co-Chair of the U.S. CLIVAR Decadal Predictability Working Group (2009–Current)

Brad Udall, Director, Western Water Assessment (2000–Present)

Allen White, Member, NASA Short-term Prediction Research and Transition Center Science Advisory Committee (2007–Present)

Gary A. Wick

- Advisor, Joint Agency Requirements Group for NPOESS (NOAA/NASA/DOD) (2007–Present)
- Member, U.S. CLIVAR Working Group on High–Latitude Surface Fluxes (2008–Present)

Robert Webb

- NSF Arctic System Science (ARCSS) Program Data Management Committee (2002–2005)
- National Integrated Drought Information System (NIDIS) Core Team (2003–2004)
- CCSP panel for the open U.S. Review of the IPCC Working Group I contribution to the Fourth Assessment Report (2005)
- National Integrated Drought Information System (NIDIS) Implementation Team (2006)
- Interagency Task Force on Science to Support Food and Agricultural Research for the National Science and Technology Council’s Committee on Science (2005)
- Climate science expert member of the Office of Science and Technology Policy (OSTP) lead delegation to the 10th Session of IPCC Working Group I, 29 January to 1 February 2007, 4th Assessment Report: “Climate Change 2007 – The Physical Science Basis”
- Lead Author, CCSP SAP 3.4 “Abrupt Climate Change” (2007–2009)
Lead Author, CCSP SAP 5.3 “Decision-support experiments and evaluations using seasonal–to– interannual forecasts and observational data” (2007–2009)
- NOAA Lead on the Interagency Climate Change and Water Working Group (2008)
- NOAA and NIDIS representative on the USAID-funded team that traveled to India to exchange information on drought with the Centre for Public Policy, Planning, and Environmental Studies; Indian Institute of Public Administration, India Meteorological Department; the Ministry of Agriculture; Central Research Institute for Dryland Agriculture; Central Arid Zone Research Institute; and the National Institute of Agricultural Extension Management (2009).

Regional**Robert Webb**

- Co–host, National Seasonal Assessment Workshop (NSAW) for the Western States and Alaska & North America, April 14–16, 2009 (continuing effort to improve information available to fire management decision makers based on the best science available and fostering collaboration between fire and climate experts from state and federal agencies, universities, and the private sector)
- Member, Technical Review Panel for the California Long–Term Central Valley Project/ State Water Project Operational Criteria and Plan Biological Assessment (2008)
- Member, State of California Central Valley Flood Management Planning Program Central Valley Flood Protection Plan Climate Change Scope Definition Work Group (2009)
- Co–lead of Reconciling Future Projections of Colorado River Flows project (2007)

Robert Webb, Andrea Ray, et al., Co-conveners, Colorado River Basin Outlook briefing for water managers, decision makers, and planning groups in the region in Salt Lake City, UT. (2004)

Robert Webb, Brad Udall, et al., Co-conveners, Planning Workshop to Develop Hydroclimatic Reconstructions for Decision Support in the Colorado River Basin, Tucson, AZ (2005)

Robert Webb, Brad Udall, Andrea Ray, Co-conveners, Western Water Assessment Climate workshops for water managers, Golden, Colorado and Cheyenne, Wyoming (2005)

Professional Society

Editorships

Michael Alexander

- Associate Editor, *Journal of Climate* (2006–2008)
- Editor, *Journal of Climate* (2008–Present)

Jian-Wen Bao, Associate Editor, *AMS Journal of Weather and Forecasting* from (2004–2006)

Henry Diaz

- Member, Editorial Board, *International Journal of Climate* (2000–Present)
- Member, Editorial Board, *Journal Atmosfera* (2004–Present)
- Member, Editorial Board, *Advances in Global Change Research*, Kluwer/Springer Academic Publishers Book Series (1996–Present)

Thomas Hamill, Editor, *Mon. Wea. Rev.* (2008–Present)

Martin Hoerling, Editor, *J. Climate* (2002–2005)

George Kiladis, Editor, *J. Atmos. Sciences* (2000–June 2003)

Richard Lataitis, Member, Editorial Board, Second Edition, *Glossary of Meteorology* (1998–2000)

Paul Neiman, Associate Editor, *Mo. Wea.Rev.* (2005–2009)

Vladimir Ostashev

- Associated Editor, *J. Acoust. Soc.Am.* (2005–Present)
- Associated Editor, Express Letters, *Journal of the Acoustical Society of America* (2006–Present)

Lev A. Ostrovsky

- Co-Editor, *CHAOS* (2009)
- Member, Board of Associate Editors for *Communications in Nonlinear Science and Numerical Simulation* (CNSNS) at Elsevier

Judith Perlwitz, Associate Editor, *J. Climate* (2007–Present)

Amy Solomon, Associate Editor, *J. Geophys. Res. [Atmos.]* (2005–Present)

De-Zheng Sun, Editor, AGU monograph “Climate Dynamics: Why does climate vary?” (2008–Present)

De-Zheng Sun, Managing Editor, Special issue of *Atmos. Res.* on “Ocean–Atmosphere Coupling” (2008–2009)

Other

Michael Alexander

- Member, Organizing Committee and Session Chair, 16th American Meteorological Society (AMS) Conference on Interaction of the Sea and Atmosphere, Phoenix, AZ (January 2009).
- Member, Organizing Committee and Session Chair, 15th AMS Conference on Interaction of the Sea and Atmosphere, Atlanta, GA (August 2007).
- Organizing Committee Member, 14th AMS Conference on Interaction of the Sea and Atmosphere, Atlanta, GA (January–February 2006).
- Conference Chair, AMS 13th Conference on Interactions of the Sea and Atmosphere, Portland, ME (2004).
- Chair, American Meteorological Society (AMS) Air–Sea Interaction Committee (2003–2006). Committee Member (2001–2006).

Al Bedard, Co–Chair, American Society of Mechanical Engineers (ASME) Symposium on Sound Propagation in the Atmosphere (2009)

Lisa Darby

- Member, AMS Committee on Mountain Meteorology (2004–2010)
- Co–Chair, 13th Conference on Mountain Meteorology (2008)

Henry Diaz, Member, AMS Committee on Climate Variations and Change (2001–2004)

Randy Dole

- Member, AMS Ad Hoc Committee on Education Planning (2006–Present)
- Co–chair, AMS 2007 Annual Meeting Presidential Forum: “Climate Variations and Changes as Manifested by Changes in the Weather.” (2006–2006)

Chris Fairall, Member, AMS Oceanographic Research Awards Committee (2010–Ongoing)

Oleg Godin

- Member, Technical Committee on Acoustical Oceanography of the Acoustical Society of America (2000–2003, 2004–2010)
- Organizer, Special session on Propagation through Inhomogeneous Flows and Remote Sensing of Ocean Dynamics at the Fifth European Conference on Underwater Acoustics (Lyon, France, July 2000)

- Member, Scientific Committee, Fifth International Conference on Theoretical and Computational Acoustics (Beijing, China, May 2001)
- Vice-Chairman, Organizing Committee, 9th L. M. Brekhovskikh's Conference on Ocean Acoustics (Moscow, Russia, May 2002)
- Member, Scientific Committee, Sixth International Conference on Theoretical and Computational Acoustics (Honolulu, Hawaii, August 2003)
- Member, Organizing Committee, 11th L. M. Brekhovskikh's Conference on Ocean Acoustics (Moscow, Russia, May 2006)
- Organizer and Co-chairman, L. M. Brekhovskikh's Memorial Session, 152nd Meeting of the Acoustical Society of America – 4th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan (Honolulu, Hawaii, November–December 2006)
- Organizer and Chairman, Symposium Infrasound in Ocean and Atmosphere at the 8th International Conference on Theoretical and Computational Acoustics (Heraklion, Crete, Greece, July 2007)
- Member, Scientific Committee, 8th International Conference on Theoretical and Computational Acoustics (Heraklion, Crete, Greece, July 2007)
- Member, Scientific Committee, 9th European Conference on Underwater Acoustics (Paris, France, June – July 2008)
- Organizer and Co-chairman, Symposium on Infrasound: Generation, Propagation, and Applications to Remote Sensing of the Environment at the 9th International Conference on Theoretical and Computational Acoustics (Dresden, Germany, September 2009)
- Member, Scientific Committee, 9th International Conference on Theoretical and Computational Acoustics (Dresden, Germany, September 2009)

Reginald Hill, Member, Commission F (Wave Propagation and Remote Sensing), U.S. National Committee (USNC), International Union of Radio Science (URSI)

Thomas Hamill

- Member, American Meteorological Society Probability and Statistics Committee (2006–Present)
- Member and Group Lead, American Meteorological Society Ad-Hoc Committee on Uncertainty in Forecasts (2007–Present)
- Member, American Meteorological Society Ad-Hoc Committee on Environmental responsibility (2007–2011)

Jeffery Hare

- Member, AMS Committee on Air–Sea Interaction (2008–Present)
- Chair, 17th Conference on Air–Sea Interaction (2010)

Leslie Hartten

- Member, Max Eaton Award Selection Committee, AMS 24th Conference on Hurricanes and Tropical Meteorology (Ft. Lauderdale, FL; May–June 2000)

- Chair, AMS Board on Women and Minorities (2007, 2008); Past–Chair (2009); Member of Committee (2003–2009)
- Member, Local Organizing Committee and “Winds, Waves, and Turbulence” Program Committee, 7th International Symposium on Tropospheric Profiling: Needs and Technologies (Boulder, CO; June 2006)
- Member, Organizing Committee, 2008 AMS Annual Meeting, New Orleans, LA (2008)
- Member, Organizing Committee, 2009 AMS Annual Meeting, Phoenix, AZ (2009)
- Co–Organizer and Co–Chair, Special Joint Session “Assessing Diversity among Geoscientists”, AMS 19th Conference on Probability and Statistics, New Orleans, LA (2008)

Vladimir Irisov, Member, Commission F (Wave Propagation and Remote Sensing), U.S. National Committee (USNC), International Union of Radio Science (URSI)

Richard Lataitis, Member, Commission F (Wave Propagation and Remote Sensing), U.S. National Committee (USNC), International Union of Radio Science (URSI)

Lev A. Ostrovsky

- Member, Acoustical Society of America Technical Committee on Acoustical Oceanography (2002–2005)
- Member, Acoustical Society of America Technical Committee on Physical Acoustics (2007–Present)

Cecile Penland

- Member of American Meteorological Society Technical Committee on Probability and Statistics, (2004–2010)
- Member, Organizing Committee of 20th Conference on Probability and Statistics, AMS, Atlanta, GA (2010)
- Program Co–Chair, 19th Conference on Probability and Statistics, AMS, New Orleans, LA (2008)

Judith Perlwitz

- Convener and Session Chair, AGU Fall Meeting 2001
- Convener and Session Chair, AGU Fall Meeting 2002
- Member, Organizing Committee, WRCP–SPARC Initiative on Modeling the Dynamics and Variability of the Stratosphere–Troposphere System (Dynvar), (2006–Current)
- Member, American Meteorological Society, Middle Atmosphere Committee (2007–Current)
- Member, Organizing Committee and Session Chair, 14th Middle Atmosphere Conference, Portland, OR (2007)
- Member, Organizing Committee and Session Chair, AGU Chapman Conference On the Role of the Stratosphere in Climate and Climate Change, Santorini Greece (2007)

- Member, Organizing Committee, 15th Middle Atmosphere Conference, Stowe, VT (2009)

Marty Ralph, Chair, American Meteorological Society Committee on Mesoscale Meteorology (2003–2005)

Matthew Shupe, Member, AMS Committee on Polar Meteorology and Oceanography (2006 – present)

Amy Solomon

- Member, AMS Meetings Oversight Committee (2007–Present)
- Program Chairperson, 16th AMS Conference on Atmospheric and Oceanic Fluid Dynamics, Santa Fe, NM, June 2007.
- Member, AMS Committee on Atmospheric and Oceanic Fluid Dynamics (2004–2007)

Alexander Voronovich

- Member, Editorial Board of *Waves in Random and Complex Media* (2000–Present)
- Member, Commission F (Wave Propagation and Remote Sensing), U.S. National Committee (USNC), International Union of Radio Science (URSI)

Edward Walsh, Member, Commission F (Wave Propagation and Remote Sensing), International Union of Radio Science (URSI)

Robert Webb

- Co-convener, AGU Fall Special Session “Reconstructing Hydroclimatic Variability in North America: Progress, Methods, and Uncertainties”, San Francisco, CA (2003)
- Program Chair, American Quaternary Association (AMQUA) biennial meeting, Fayetteville, AK “Landscape and Biotic Responses to Climate Variability: Future Impacts and Past Lessons” (2000)

Robert Webb, Mimi Hughes, (Co-convener) Pacific Climate Variability (PACLIM) annual meeting special session, Asilomar, CA: Decadal to Centennial Variation in the Late Holocene (2001)

Robert Webb, Allen White, American Meteorological Society Nationwide Network of Networks Measurements and Infrastructure Working Group (2009–Present), American Meteorological Society Committee on the Meteorological Aspects of Air Pollution (2005–Present), American Meteorological Society Committee on Measurements (2000–2003)

Daniel Wolfe, Member and Chair, American Meteorological Society Committee on Meteorological Observation and Instrumentation (2001–2003).

Valery Zavorotny

- Member, Commission F (Wave Propagation and Remote Sensing), U.S. National Committee (USNC), International Union of Radio Science (URSI)
- Member, IEEE Senior Membership Review Panel (Denver Section) (2005)
- Member, Technical Program Committee of 2006 IEEE International Geoscience & Remote Sensing Symposium, Denver, Colorado (2006)

University and Cooperative Institute

Michael Alexander

- Member, NCAR Climate and Global Change Division Scientific Steering Committee (2005–Present).
- Co–Chair, Climate Variability Working Group for NCAR’s Community Climate System Model (2001–2005).
- Member, Member, NCAR Organizing Committee for “Marine Ecosystems and Climate: Modeling and Analysis of Observed Variability (2009)
- Co–Organizer and Presenter, NCAR Symposium for Maurice Blackmon (2007)

Cecile Penland, Lecturer for invited six–week course at the Houghton Lecturer at the Department of Earth, Atmosphere and Planetary Sciences at MIT entitled, “Stochastic Climate Modeling,” (2004)

Henry Diaz

- Visiting Scientist, Climate Research Division, Scripps Institution of Oceanography, La Jolla, CA (2000)
- Visiting Scholar, The East–West Center, University of Hawaii at Manoa (2007–2008)
- NOAA IPA Assignment to the University of Arizona (2006)
- Visiting Scientist, École Polytechnique Federale de Lausanne, Lausanne, Switzerland (2006)
- Visiting Scientist, Bermuda Biological Station for Research (2005) Visiting Scientist, Tree–Ring Laboratory, University of Arizona (2004)
- Visiting Scientist, Desert Laboratory, University of Arizona (2002)
- Adjunct Associate Professor, Department of Geography, University of Colorado
- Adjunct Associate Professor, Department of Geosciences, University of Massachusetts
- Adjunct Professor of Dendroclimatology, Laboratory of Tree Ring Research, University of Arizona
- Adjunct Professor, Department of Geography, University of Hawaii

Al Bedard, Adjunct Professor, Department of Aerospace Sciences, University of Colorado

Randall Dole

- Member, External Advisory Board, Department of Earth and Atmospheric Sciences, Cornell University
- Member, NCAR Earth and Sun Systems Laboratory Advisory Panel (2008–Present)
- Member, Executive Board, Columbia University Cooperative Institute for Climate Applications and Research (CICAR) (2005–Current)
- Member, CIRES Executive Committee (2005–Current)
- CIRES Associate Director, Weather and Climate Physics Division (2005–Current)

Chris Fairall, Member, UCAR Scientific Programs Evaluation Committee (SPEC) (2001–Present)

Jeffery Hare, Member of the CIRES Members Council from (2002–2007)

Leslie Hartten

- Research Mentor for an undergraduate participating in the Summer Multicultural Access to Research Training (SMART) internship program run by the Graduate School at the University of Colorado – Boulder (2000)
- Member, CIRES Career Track Guidelines Committee (2004–2005).

Marty Ralph

- Research Associate, Climate, Atmospheric Science, and Physical Oceanography Group, Scripps Institution of Oceanography (2009–Present)
- Chair, NSF/NCAR Observing Facilities Advisory Panel (2003–2004)

Prashant Sardeshmukh, Director, CIRES Climate Diagnostics Center (2008–Current)

Allen White, CIRES Members' Council Restructuring Committee (2004), Committee on Bridge Funding and Sabbatical Leave (2005)

Industry

Dave Carter, Member, Wind Profiler Engineering Review Board, Vaisala Cooperative Research and Development Agreement (1991–Present)

Barbara Herrli, Member, Management Review Board, Vaisala Cooperative Research and Development Agreement (2000–2007)

Paul Johnston, Member, Wind Profiler Engineering Review Board, Vaisala Cooperative Research and Development Agreement (1991–Present)

Jim Jordan, Member, Wind Profiler Engineering Review Board, Vaisala Cooperative Research and Development Agreement (1991–Present)

William Neff, Member, Management Review Board, Vaisala Cooperative Research and Development Agreement (1991–Present)

Marty Ralph, Member, Management Review Board, Vaisala Cooperative Research and Development Agreement (2002–Present)

Tina Schiffbauer, Member, Management Review Board, Vaisala Cooperative Research and Development Agreement (2008–Present)

Allen White, Member, Application Development and Integration Group, Vaisala Cooperative Research and Development Agreement (2007–Present)

Daniel Wolfe, Member, Wind Profiler Engineering Review Board, Vaisala Cooperative Research and Development Agreement (1991–Present)

Other-Agency

Al Bedard, President, Board of Directors Colorado State Science and Engineering Fair (2002–2003) and Member (1996–Present)

Rob Cifelli

- Member, NASA Precipitation Measurement Mission Science Team (1999–Present)
- Member, NASA Global Precipitation Measurement (GPM) Ground Validation Team (2005–Present)
- Member, NASA Global Precipitation Measurement (GPM) Drop Size Distribution Working Group (2007–Present)

Randall Dole, Member, NASA Global Modeling and Assimilation Office Advisory Board (2009–Present)

Christopher Williams

- Member, NASA Precipitation Measurement Mission Science Team (2000–Present)
- Member, NASA PMM Raindrop Size Distribution Working Group (2000–Present)

Matthew Shupe

- Chair, DOE Atmospheric Radiation Measurement Program Cloud Properties Working Group (2008–2009)
- Chair, DOE Atmospheric System Research Program Cloud Life Cycle Working Group (2009–Present)
- Member, DOE ARM Science and Infrastructure Steering Committee [Executive committee] (2008–Present)
- Member, DOE ARM Climate Research Facility Science Board (2009–Present)

Valery Zavorotny, Member, GPS Oceanography Organizing Committee, NASA (2002)

Department of Commerce

NOAA

Jian–Wen Bao, Member, Global Model/Physics Development Team, NOAA Hurricane Forecast Improvement Project (2006–Present)

Barb DeLuisi

- Member, NOAA ClimateWatch Editorial Board
- Member NOAA-Boulder Outreach Coordinating Council

Randall Dole

- Member and Co-chair, NOAA Climate Services Development Team (and related activities) (2008–2009)
- NOAA Climate Goal Capability Lead for “Analysis and Attribution” in Climate Research and Modeling Program (2007–Present)
- NOAA Climate Executive Board (2007–Present)
- NOAA Executive Committee on Drought (2006)
- NOAA THORPEX Executive Committee (2005–Present)
- NOAA Climate Test Bed Oversight Board (2005–Present)
- NOAA Science Team on May 4–10, 2003 Tornado Outbreak (2003–2004)
- NWS Science and Technology Roadmap Climate Team (2009–Present)

Chris Fairall, Member, Observations Team, NOAA Hurricane Forecast Improvement Project (2008–Present)

Thomas Hamill

- NOAA THORPEX Program Manager (2008–Ongoing)
- Drafting Committee, NOAA Environmental Modeling Enterprise Strategic Plan (2009–Ongoing)

Gary Wick, Advisor, NOAA–Low–Earth–Orbiting Requirements Working Group (2008–Present)

Marty Ralph

- Manager, NOAA Weather and Water Science, Technology, and Infusion Program (2005–Present)
- Member, NOAA UAS Executive Oversight Committee (2008–Present)
- Project Manager, NOAA Unmanned Aircraft Systems Project (2006–2008)

Robert Webb

- NOAA Cooperative Remote Sensing Science and Technology Center (CREST) Advisory Board (2003–2004)
- NOAA National Climatic Data Center (NCDC) Paleoclimatology Branch Review Panel (2005)
- Organizing Committee, NOAA Climate Working Group Summer Retreat: NOAA and the Drought Challenge (2006)
- Working Group, NOAA Science Advisory Board (SAB) for the external review of the Cooperative Institute for Climate Science, Princeton University (2006)
- Scientific Advisory Board for the NOAA–funded University of Massachusetts Climate System Research Center (2006)
- Member, NOAA West Regional Team (2007)

- Member, NOAA Integrated Water Resource Services Steering Team (2007–2009)
- Member, NOAA working group to explain the 2008 Collapse of the Sacramento Fall Chinook Stock and Decline of other West Coast Salmon Stocks for the Pacific Marine Fisheries Council. (NOAA)
- NOAA Climate Services Development Team (2008)
- Co–Chair, NOAA Near Term Opportunity Team on Climate Impact Assessments and Climate Assessment to identify near and long term opportunities for NOAA as part of a national climate service to support future regional, state, local, or other climate impact assessment efforts (2009)
- NOAA Lead participating in USGS led Climate Services Pilot focused on Responding to Climate Variability and Change: A Prototype for Trans–boundary Assessment and Services in the Columbia River Basin (2009)

OAR

Barb DeLuisi

- Member, OAR Communications/Outreach Team
- Member, OAR Editorial Board

