
ESRL Atmospheric Chemistry Leadership Roles 2004-2007

Editorships, 2004-present:

- Graham Feingold, Editor, Atmospheric Chemistry and Physics
- Ellsworth Dutton, Associate Editor, AMS Journal of Applied Meteorology
- Dan Murphy, Editor, Aerosol Science and Technology
- Owen Cooper, Co-Editor, Atmospheric Chemistry and Physics
- Mike Hardesty, Chief Editor, Atmospheres, AMS Journal of Atmospheric and Oceanic Technology
- Pieter Tans, Editorial Board, Tellus
- Greg Frost, Associate Editor, JGR-Atmospheres, 2007-present
- Claire Granier, Chief Editor, Journal of Atmospheric Chemistry, 2006-present
- Jim Churnside, Guest Editor, special issue on ocean remote sensing for the journal Sensors, 2007
- Ann Middlebrook, Guest Editor, Atmospheric Environment special issue on Particulate Matter: Atmospheric Sciences, Exposure and the Fourth Colloquium on PM and Human Health – Papers from the AAAR PM Meeting, v. 38:1 (2004)
- David Fahey, Editorial Board Member, Journal of Atmospheric Chemistry, 1994-present
- A.R. Ravishankara, Member, Advisory Editorial Board, Physical Chemistry, 2003-present
- Lori Bruwhiler, Associate Editor, JGR-Atmospheres, 2004

NOAA, 2004-present:

- Jim Meagher, NOAA Air Quality Program Manager, Weather and Water Goal
- A.R. Ravishankara (and until 2005, Dan Albritton), NOAA Climate Forcing Program Manager, Climate Goal (until Goal Programs were reorganized, October 2007)
- Russ Schnell, NOAA Polar Committee
- A.R. Ravishankara, NOAA lead, Understanding Climate Processes capability of the Climate Research and Modeling Program, Climate Goal (October 2007-present)
- Daniel L. Albritton, A.R. Ravishankara, and J. Meagher, leadership, NOAA Health of the Atmosphere research program
- Ellsworth Dutton, Project leader for proposed NOAA Surface Energy Budget Network (SEBN)
- David Hofmann, OAR Representative, NOAA Alaska Regional Coordination Team
- Russ Schnell, OAR Representative, NOAA Pacific Islands Regional Collaboration team
- Jim Meagher, Chair, Air Resources Laboratory Review Committee

- David Fahey, Scientific Advisory Panel, NOAA Cooperative Remote Sensing Science and Technology (CREST) Center, at City College of the City University of New York [NOAA Educational Partnership Program with Minority Serving Institutions]
- Ann Middlebrook, Member, NOAA Climate Change Science Program Aerosol Properties Review Paper Team (2004-05)
- E.G. Dutton, Member, GOES-R Algorithm Development Team
- Greg Frost, Organizing Committee, NOAA Atmospheric Chemical Modeling Inventory and Workshop, since Spring 2007
- David Fahey, Co-Project Scientist for the NOAA UAV Flight Demonstration Project in April-May 2005 involving the Altair Unmanned Aerial Vehicle of General Atomics Aeronautical Systems, Inc.
- Sara Tucker, Member, NOAA/NASA Lidar Working Group on Space Based Winds
- Greg Frost, Jim Churnside, Mentor to NOAA Hollings Undergraduate Scholars, 2006, 2007
- Jim Bulter, Lead for "Monitoring Climate Forcing" sub-capability in the Climate Observations and Monitoring Program (CL-COM), 2007
- Jim Roberts, NOAA advisor for a graduate student at North Carolina A&T and adjunct faculty member in the Energy and Environment Systems Program at North Carolina A&T
- Jim Butler, Served in Climate Change Science Program Office (CCSP) to develop US Climate Change Science Program Strategic Plan, 2004
- Jim Bulter, Acting NOAA Director of Strategic Planning, leading development of current NOAA Strategic Plan, 2004-2006
- David Hofmann, Project Manager, NOAA's Carbon Cycle Research Program (2002-2007)

Other Federal, 2004-present:

- A.R. Ravishankara, Co-Chair, US Climate Change Science Program (CCSP) Interagency Working Group on Atmospheric Composition, 2005-present
- Daniel L. Albritton, Co-Chair, US CCSP (and formerly US Global Change Research Program) Interagency Working Group on Atmospheric Composition, 2000-2005
- David Hofmann, CO-Chair, Climate Change Technology Program Measurements and Monitoring Working Group
- Russ Schnell, Member, Climate Change Technology Program Measurements and Monitoring Working Group
- A.R. Ravishankara, Co-Lead, US CCSP Synthesis and Assessment Product 2.4 ("Trends in Emissions of Ozone-Depleting Substances, Ozone Layer Recovery, and Implications for Ultraviolet Radiation Exposure"), 2005-Present
- A.R. Ravishankara, John Daniel, and David Fahey, Authoring Team, US CCSP Synthesis and Assessment Product 2.4 [this also involves Steve Montzka]
- Jim Meagher, Co-chair, Air Quality Research Subcommittee of the Committee on Environment and Natural Resources, 2006-present (post also held by Daniel L. Albritton until his retirement in 2006)

- Jim Butler and D. Hofmann, NOAA representative on the Carbon Cycle Interagency Working Group
- Jim Churnside, Member, US Department of Defense Advanced Sensors Application Program Scientific Steering Group
- Mike Hardesty, External Review Panelist, NASA Langley Research Center Climate Science Program
- Brad Hall, Dept. of Commerce Standards Committee, Member
- Jim Butler and D. Hofmann, Agency Executive Committee (AEC) for CCSP Deliverable 2.2, State of the Carbon Cycle
- Mike Hardesty, External Review Panelist, NASA Langley Research Center Laser Remote Sensing Branch
- Mike Hardesty, Member, Advisory Committee, NASA Earth Systems Science and Applications, Subcommittee on Earth Systems Technology
- Jim Meagher, Review Team Member, DOE Atmospheric Science Program
- Steve Brown, Member, Review Panel, NASA Arctic Research of the Composition of the Troposphere from Aircraft and Satellites (ARCTAS) Program, August 2007
- David Fahey, Co-Project Scientist, NASA Aura Validation Experiment campaigns, January and October-November 2004 and June 2005
- A.R. Ravishankara, Member, NASA Panel for Evaluation of Chemical Kinetics and Photochemical Data for Use in Stratospheric Modeling, 1982-2007
- Russ Schnell, Member, U.S. State Department Team, International Climate Change Bi-lateral Agreement Implementation, 2001-present
- I. Petropavlovskikh, Science Advisory Board, National Polar-orbiting Operational Environmental Satellite System (NPOESS) and Ozone Mapping and Profiler Suit (OMPS)

CIRES/CIRA, 2004-present:

- Fred Fehsenfeld, CIRES Associate Director for Environmental Chemistry
- Mike Hardesty, CIRES Associate Director for Environmental Observations, Modeling and Forecasting
- Fred Fehsenfeld, Graham Feingold, David Fahey, Mike Hardesty, Susan Solomon, George Reid: CIRES Fellow
- Ken Aikin, Gerd Hübler, Brandi McCarty, Christoph Senff, Gabi Accatino, CIRES Members Council, various terms, 2004-present

U.S. Non-Federal, 2004-present:

- Owen Cooper, Steering Committee Member, NCAR's Deep Convective Clouds and Chemistry (DC3) experiment. Head of Climatology committee, and member of Satellite Data Usage committee, and Convection and Plume Forecast committee. 2005 - present
- Wayne Angevine, Member, American Meteorological Society (AMS) Committee on Boundary Layers and Turbulence, January 2008-present
- Karen Rosenlof, Chair, AMS Middle Atmosphere Committee, term ended in January 2007
- Karen Rosenlof, Member, Program Committees, Middle Atmosphere Conferences: 2002, 2005 (meeting chair), and 2007

- Jim Meagher, Houston Advanced Research Center (HARC) Science Advisory Committee
- Greg Frost, Organizer, High Resolution Fossil Fuel CO₂ Emissions Workshop, Purdue University, West Lafayette, IN, April 2007
- Greg Frost, Convener, Session A17 - "Toward High-Resolution Greenhouse Gas Emission Inventories for Fossil Fuel Combustion", American Geophysical Union Fall Meeting, San Francisco, December 2006
- Greg Frost, Convener, Session A08 - "Changes in Nitrogen Oxide Emissions and the Response of Tropospheric Ozone and Particulate Matter", American Geophysical Union Fall Meeting, San Francisco, December 2004
- Lisa Darby, Cochair and Member, American Meteorological Society's Mountain Meteorology Committee, 2008 AMS 13th Mountain Meteorology Conference.
- Ann Middlebrook, Organizer, Special Symposium on the International Consortium for Atmospheric Research on Transport and Transformation (ICARTT) Study, Annual Meeting of the American Association for Aerosol Research (AAAR), 2005
- David Fahey, Referee, AquaVIT Water Vapor Intercomparison
- David Fahey, Member, NCAR/EOL Observing Facilities Assessment Panel (OFAP)
- Ed Dlugokencky, National Center for Ecological Analysis and Synthesis, Methane Working Group, Member, 2006-2008
- David Fahey, Chair, Atmospheric Chemistry Gordon Research Conference, 2005
- A.R. Ravishankara, Member, National Research Council Committee on Aeronautics Research and Technology for Environmental Compatibility, 2000-2005

International, 2004-present:

- Susan Solomon, Cochair, Working Group I, Intergovernmental Panel on Climate Change, 2002-present
- Dan Albritton, Co-chair, Montreal Protocol Scientific Assessment Panel, 1988-September 2007
- A.R. Ravishankara, Co-chair, Montreal Protocol Scientific Assessment Panel, September 2007-present
- David Parrish, Scientific Steering Committee, International Global Atmospheric Chemistry (IGAC) project, International Geosphere-Biosphere Programme (IGBP), 2002-2007
- E. Dutton, International management of WCRP BSRN program
- Joseph Michalsky, Chair, BSRN Spectral Measurements Working Group
- John Ogren, WMO/GAW Science Advisory Group for Aerosols
- J. Michalsky, BSRN Broadband IR and Aerosol Optical Depth Working Groups
- J. Ogren, U.S. Government Review Panel for IPCC 4AR WG1
- E.G. Dutton - GCOS Working Group on the Global Reference Upper Air Network (GRUAN)
- B. Evans, WMO/GAW Science Advisory Group for Ozone
- Sam Oltmans, Member International Ozone Commission of the ICSU

- Jim Meagher, Member and past Co-chair, Executive Committee of NARSTO (international U.S.-Canada-Mexico research coordinating organization for air quality)
- Daniel Albritton, Steering Committee and Co-founding group of NARSTO
- Steve Montzka, Co-Chair, TEAP/UNEP Task Force on Emissions Discrepancies, 2006
- Fred Fehsenfeld, Steering Committee and Co-founding group of NARSTO
- A.R. Ravishankara, Co-Chair of the Scientific Steering Group, Stratospheric Processes and their Role in Climate (SPARC)/World Climate Research Programme (WCRP), 2002-2007
- Jim Butler, GCOS Atmospheric Observation Panel for Climate (AOPC), World Meteorological Organization, Geneva
- A.R. Ravishankara, Member of the Scientific Steering Group, SPARC/WCRP, 2000-2007
- A.R. Ravishankara, Co-Chair, SPARC/WCRP Group on Upper Troposphere/Lower Stratosphere Chemistry, 1995-2007
- A.R. Ravishankara, Co-Chair, SPARC/International Global Atmospheric Chemistry project (IGAC) initiative on Laboratory Atmospheric Chemistry, Joint with IGAC/International Geosphere-Biosphere Programme, 1998-present
- A.R. Ravishankara, Co-Chair, IGAC-IGBP/SPARC-WCRP project on Atmospheric Chemistry and Climate, 2006-present
- Steve Montzka, Member, European Commission Research Directorate-General Starting Grants Evaluation Panel for Earth System Science, August, 2007
- Jim Churnside, Delegate, International Council for the Exploration of the Seas, Working Group on Fisheries Acoustics Science and Technology
- Jim Churnside, Member, International Council for the Exploration of the Seas, Study Group on Fisheries Optical Technologies
- Gabrielle Petron, Advisor, South American Emissions, Megacities and Climate, student program
- Graham Feingold, Member, WMO/IUGG International Aerosol-Precipitation Scientific Assessment Group (IAPSAG)
- J. Butler, Advisory Board, Organics over the Ocean Modifying Particles in Both Hemispheres (OOMPH), European Union, Framework 6 Programme for Sustainable Development, Global Change and Ecosystems
- E. Dlugokencky, chair; J. Butler, WMO/GAW Science Advisory Group for Greenhouse Gases
- I Petropavlovskikh, Member, WMO, IOC Umkehr sub-committee and Ozone SAG committee under the WMO
- Graham Feingold, Member, Executive Committee of International Commission on Clouds and Precipitation (ICCP)
- David Fahey, Member, Steering Committee, Chemistry Climate Model Validation program, Stratospheric Processes and their Role in Climate
- Owen Cooper, Member, Task Force on Hemispheric Transport of Air Pollutants. Established by the Executive Body of the UNECE (United Nations Economic Commission for Europe). Lead coordinating author on Chapter 2 of the 2007 Interim Report. 2006 – present

- Raul Alvarez, Committee Member, 7th International Symposium on Tropospheric Profiling: Needs and Technologies, 2006
- Mike Hardesty, Advisor, European Space Agency Mission Advisory Board for the Atmospheric Dynamics Mission
- Claire Granier, Member, Committee of Scientific Research on Climate and Chemical Composition in the Yangtze River Delta Region (SRCCC), 2006-present
- David Fahey, Member, Executive Committee, CIO Workshop, Stratospheric Processes and their Role in Climate (SPARC) program
- David Fahey, Steering Committee, Stratospheric Processes and their Role in Climate program (SPARC)
- Claire Granier, Co-chair, organization committee of the 10th International Global Atmospheric Chemistry (IGAC) Conference which will take place in September 2008.
- Sara Tucker, Session Co-chair, 2005 International Symposium on Tropospheric Profiling, International Coordination-group on Laser Atmospheric Studies (ICLAS)
- Sara Tucker, Steering Committee Member, 2008 International Laser Radar Conference
- Jim Butler, US Agency Review Team, Carbon Theme, Integrated Global Carbon observations (IGCO) Implementation Plan, a European Community EC06-1 Plan 2004-2007
- Jim Butler, Scientific Advisory Board for European Community Framework 6 Programme: Organics over the Ocean Modifying particles in both Hemispheres (OOMPH)
- Pieter Tans, Scientific Steering Committee, Inter-agency North American Carbon Program
- S. Montzka and E. Dlugokencky, hosted the 1st International Global OH Trend Workshop in Boulder Colorado, November, 2005.
- Christoph Senff, Member, Steering Committee and Co-Chair of the Program Committee of the 24th ILRC Conference (to be held here in Boulder in June 2008; ILRC parent organization is the International Committee on Laser Atmospheric Studies - ICLAS)
- Janet Intrieri, Member, Program Committee of the 22nd ILRC Conference
- Christoph Senff: Member of the Program Committee of the 7th International Symposium on Tropospheric Profiling (ISTP), Boulder, 12-16 June 2006
- Claire Granier, Member, Scientific Steering Committee, Analysis, Integration, and Modeling of the Earth System (AIMES) project of IGBP, 2005-present
- Claire Granier, Co-chair, GEIA (Global Emissions Inventory Activity) of AIMES/IGBP, 2004-present
- Robert Evans, Science Advisory Group Member, WMO GAW/IGACO
- Robert Evans, Leader, International Ad-Hoc Committee on Dobson Operations
- Claire Granier, Member, Scientific Steering Committee of the SPARC/WCRP project, 1997-2005