

ELECTED HONORARY MEMBERS

Wilfried H. Brutsaert
Yoshi K. Sasaki
John M. Wallace

2012 AWARD WINNERS

THE CARL-GUSTAF ROSSBY RESEARCH MEDAL

John C. Wyngaard

For outstanding contributions to measuring, simulating, and understanding atmospheric turbulence.

THE JULE G. CHARNEY AWARD

Christopher S. Bretherton

For fundamental contributions to our understanding of atmospheric moist convection, particularly the discovery of mechanisms governing the transition from stratocumulus to shallow cumulus convection.

THE VERNER E. SUOMI AWARD

Anne M. Thompson

For exceptional vision and leadership in deploying technologies that have significantly advanced the understanding of ozone dynamics in the atmosphere.

THE SVERDRUP GOLD MEDAL AWARD

Allan J. Clarke

For fundamental contributions to the dynamics of ocean currents and air-sea interaction with particular emphasis on the El Niño - Southern Oscillation.

THE HENRY STOMMEL RESEARCH AWARD

Robert Pinkel

For developing outstanding instrumentation, using it widely, and interpreting the results to advance understanding of numerous small-scale processes in the upper ocean.

THE REMOTE SENSING PRIZE

Viswanathan N. Bringi

For outstanding contributions to the advancement of polarimetric Doppler weather radar.

THE CHARLES FRANKLIN BROOKS AWARD FOR OUTSTANDING SERVICES TO THE SOCIETY

George E. McVehil

For conscientious and thoughtful service to the Society through many leadership roles including Councilor and Planning Commissioner.

THE CLEVELAND ABBE AWARD FOR DISTINGUISHED SERVICE TO ATMOSPHERIC SCIENCES

Chris Elfring

For contributions across the atmospheric sciences and their application through leadership of the National Academies' Board on Atmospheric Sciences and Climate.

THE CHARLES E. ANDERSON AWARD

Shirley T. Murillo

For outstanding support of minorities and women to promote a more diverse workforce through mentoring, education, and community service.

THE KENNETH C. SPENGLER AWARD

NOAA Hazardous Weather Testbed Team – David Bright, Greg Carbin, Michael Coniglio, John Kain, Jason Levit, Jay Liang, Russell Schneider, Steven Weiss

For bringing the government, academic, and private sectors together in a visionary, proactive, and exemplary manner to deal with the challenges posed by hazardous weather.

THE JOANNE SIMPSON MENTORSHIP AWARD

Mark Willis

For aiding NWS volunteer interns in gaining experience valuable to their future careers through dedicated mentorship, and sustained encouragement and guidance.

THE TEACHING EXCELLENCE AWARD

Robert G. Fovell

For demonstrating there is no replacement for passion, commitment, organization, and mastery of the subject matter when it comes to excellent teaching.

THE CLARENCE LEROY MEISINGER AWARD

Zhiming Kuang

For fundamental contributions to understanding tropical convection and its interaction with larger-scale circulations in the tropical atmosphere.

THE HENRY G. HOUGHTON AWARD

Hugh Morrison

For wide-ranging contributions to improving the understanding and modeling of cloud microphysical processes.

THE NICHOLAS P. FOFONOFF AWARD

Louis St. Laurent

For fundamental contributions to our understanding of small-scale mixing processes in the ocean and the different dynamical processes involved.

**THE AWARD FOR OUTSTANDING CONTRIBUTION
TO THE ADVANCE OF APPLIED METEOROLOGY**

S. Trivikrama (S. T.) Rao

For extraordinary leadership and contributions to the field of air pollution meteorology through broad and proactive engagement regionally, nationally, and internationally.

THE AWARD FOR OUTSTANDING ACHIEVEMENT IN BIOMETEOROLOGY

William P. Kustas

For tireless leadership and unparalleled contributions to the science-based application of remote sensing to estimate evapotranspiration and vegetation stress.

THE AWARD FOR BROADCAST METEOROLOGY

Robert T. Ryan

In recognition of a career based on personal integrity and dedication to advancing the science of meteorology through broadcasting, education, promotion of safety, and support of colleagues.

**THE AWARD FOR EXCELLENCE IN SCIENCE
REPORTING BY A BROADCAST METEOROLOGIST**

Rob Mayeda

For work as photographer, editor, and reporter of “On Thin Ice,” highlighting the dramatic effects of Earth’s warming climate in Alaska and its future impacts on the San Francisco Bay area.

THE AWARD FOR AN EXCEPTIONAL SPECIFIC PREDICTION

Timothy W. Garner

For highly accurate forecasts and superior briefings and decision support to the NASA Mission Control Center for Space Shuttle Endeavor’s landing operations on the STS-123 mission.

THE HELMUT E. LANDSBERG AWARD

Ernesto Jauregui Ostos

For pioneering work on the climates of tropical cities, especially Mexico City, demonstrating great scientific insight through observations and analyses.

THE CHARLES L. MITCHELL AWARD

Ronald W. Przybylinski

For improving NWS warnings through collaborative research and training in recognizing Doppler radar signatures associated with high wind events in quasi-linear convective systems.

THE LOUIS J. BATTAN AUTHOR’S AWARD

James R. Fleming

For “Fixing the Sky: The Checkered History of Weather and Climate Control”, a comprehensive review of the history of weather modification, which culminates in a critical consideration of geo-engineering approaches to climate change.

THE LOUIS J. BATTAN AUTHOR’S AWARD

K-12 CATEGORY

Christiane Dorion and Beverley Young

Uniquely interactive and visually stimulating, their stunning and informative book, “How the Weather Works: A hands-on guide to our changing climate”, engages readers of all ages in a variety of atmospheric science topics.

**THE AWARD FOR DISTINGUISHED SCIENCE JOURNALISM IN THE
ATMOSPHERIC AND RELATED SCIENCES**

Quirin Schiermeier

For “The Real Holes in Climate Science”, an insightful and candid article on key remaining gaps in understanding climate change.

SPECIAL AWARD

Michael S. Gibson

For developing powerful but affordable and accessible software, widely used by researchers, forecasters, broadcasters, and amateurs to display and analyze convective storms and their environment.

SPECIAL AWARD

Paul Krehbiel, Ronald Thomas, William Rison

For the development and implementation of Lightning Mapping Array technology and its transfer to the operational and research communities.

THE ROBERT LEVITON AWARD

S. Joseph Munchak

*For his paper, A Modular Optimal Estimation Method for Combined Radar-Radiometer
Precipitation Profiling.*

THE SPIROS G. GEOTIS PRIZE

Krzysztof Orzel

*For his paper, Mobile X-band Dual Polarization Phased-Array Radar: System Requirements and
Development.*

THE AWARD FOR OUTSTANDING CHAPTER OF THE YEAR

Omaha-Offutt

Omaha, Nebraska

*For increasing membership diversity, communicating membership information in unique ways,
and continuing community outreach with a myriad of activities, including the support of student
research.*

THE AWARD FOR OUTSTANDING STUDENT CHAPTER OF THE YEAR

University of Puerto Rico at Mayaguez

Mayaguez, Puerto Rico

*For building a regional community of weather awareness through communication with
educators, contributing to a variety of local charities, and instituting novel approaches to
membership integration.*

EDITOR'S AWARD

Journal of Applied Meteorology and Climatology

Yizhak Feliks

For consistently thorough scientific reviews that assist authors in improving their manuscripts.

EDITOR'S AWARD

Monthly Weather Review

Jeffrey D. Kepert

*For providing thorough and constructive reviews of a large number of manuscripts on a broad
range of topics.*

EDITOR'S AWARD

Journal of Climate

Takeshi Doi

For providing a thoughtful and decisive review of a difficult paper on short notice.

EDITOR'S AWARD

Journal of Climate

Mark Sinclair

For reviews that are thoughtful, courteous, and written in a careful and constructive way.

EDITOR'S AWARD

Journal of Atmospheric and Oceanic Technology

Sergey Matrosov

For several thorough and detailed reviews that greatly improved a number of manuscripts.

EDITOR'S AWARD

Journal of Physical Oceanography

Christopher J. Garrett

For thorough and constructive reviews over a breadth of topics, and for fast and decisive resolution of conflicting reviews.

EDITOR'S AWARD

Journal of the Atmospheric Sciences

Wojciech W. Grabowski

For frequent, timely, and in-depth reviews and re-reviews.

EDITOR'S AWARD

Journal of the Atmospheric Sciences

Isaac M. Held

For high-level and insightful reviews for a number of editors.

EDITOR'S AWARD

Weather and Forecasting

Adam J. Clark

For a large number of thorough and timely reviews that were helpful and fair.

EDITOR'S AWARD

Weather and Forecasting

Jun Du

For completing several prompt reviews that were beneficial, constructive, and of high quality.

EDITOR'S AWARD

Journal of Hydrometeorology

Balazs Fekete

For timely, rigorous, comprehensive, and objective reviews.

EDITOR'S AWARD

Journal of Hydrometeorology

Joseph A. Santanello

For timely, rigorous, and constructive reviews, and commitment to the review process.

EDITOR'S AWARD

Weather, Climate, and Society

Ross N. Hoffman

For his careful, wide-ranging, and thoughtful reviews of difficult manuscripts.

EDITOR'S AWARD

Bulletin of the American Meteorological Society

Michael Hulme

For insightful and constructive comments that helped to better articulate and support the manuscript's primary argument.

EDITOR'S AWARD

Bulletin of the American Meteorological Society

Amy K. Snover

For a detailed and thoughtful review that helped the authors restructure and strengthen their manuscript.

The Robert E. Horton Lecturer in Hydrology for 2012

Dara Entekhabi

For innovative and insightful contributions in hydroclimatology and its role in regional and global climate, and for pioneering achievements in the remote sensing of the hydrosphere.

The Bernhard Haurwitz Memorial Lecturer for 2012

Sandrine Bony

For her analyses of cloud feedbacks and to advancing our understanding of moist processes and clouds in the tropics.

2012 NEW FELLOWS

Philip E. Ardanuy
Anthony J. Broccoli
Richard D. Clark
Timothy J. Dunkerton
Chris Elfring
Charles W. French
Richard H. Grumm
Fiona M. Horsfall
Christian D. Kummerow
Francois X. Le Dimet
Zhengyu Liu
Donald R. MacGorman
Frank J. Misciacci, Jr.
Paul A. Newman
Edward A. O'Lenic
Harry A. Otten
David J. Pace
Christa D. Peters-Lidard
Robert Pinkel
Gerald L. Potter
Mark D. Powell, CCM
William L. Read
David A. Robinson
Steven A. Root, CCM
Lynn K. (Nick) Shay
Roland B. Stull, CCM
Eugene S. Takle CCM
H. Joe Witte
Marilyn M. Wolfson
Donald J. Wuebbles