

2011 AMS AWARD RECIPIENTS

THE CARL-GUSTAF ROSSBY RESEARCH MEDAL

Joseph B. Klemm

For illuminating the dynamics of mountain waves and thunderstorms, and for his contributions to improvements in numerical techniques and community models.

THE JULE G. CHARNEY AWARD

Ronald B. Smith

For fundamental contributions to our understanding of the influence of mountains on the atmosphere through both theoretical advances and insightful observations.

THE VERNER E. SUOMI AWARD

Frank D. Marks

For creative use of airborne Doppler radar and other technologies to advance understanding of the dynamics of tropical cyclones.

THE SVERDRUP GOLD MEDAL AWARD

Eric A. D'Asaro

For pioneering instrumental, observational, and analytical progress in understanding upper ocean responses to atmospheric forcing.

THE HENRY STOMMEL RESEARCH AWARD

Dudley B. Chelton

For fundamental contributions to advancing our understanding of ocean circulation and air-sea interaction.

THE REMOTE SENSING PRIZE

Claire L. Parkinson

For pioneering work in the remote sensing of sea ice variability and trends, and for leadership of the highly successful Aqua satellite mission.

THE CHARLES FRANKLIN BROOKS AWARD FOR OUTSTANDING SERVICES TO THE SOCIETY

Joseph B. Klemm

For outstanding and sustained contributions to the advancement of AMS publication and educational goals.

THE CLEVELAND ABBE AWARD FOR DISTINGUISHED SERVICE TO ATMOSPHERIC SCIENCES

G. Brant Foote

For leadership of a major laboratory that has successfully implemented state-of-the-science methods for addressing problems that affect people's lives.

THE CHARLES E. ANDERSON AWARD

J. Marshall Shepherd

For outstanding and sustained contributions in promoting diversity in the atmospheric sciences through educational and outreach activities for students and scientists in multiple institutions.

THE KENNETH C. SPENGLER AWARD

George L. Frederick

For outstanding leadership and playing a pivotal role in the formation of the Weather and Climate Enterprise Commission.

THE TEACHING EXCELLENCE AWARD

Henry E. Fuelberg

For a sustained record of award-winning teaching, advising of undergraduates, and individualized mentoring of over 70 graduate students toward successful careers in meteorology.

THE CLARENCE LEROY MEISINGER AWARD

George H. Bryan

For innovative research into the explicit modeling, theory, and observations of convective-scale motions.

THE HENRY G. HOUGHTON AWARD

Robert Wood

For advancing understanding of the interactions of cloud droplets, aerosols, radiation, and precipitation in marine stratocumulus.

THE NICHOLAS P. FOFONOFF AWARD

Annalisa Braco

For contributions to understanding mesoscale ocean dynamics, geostrophic turbulence, and tropical dynamics, and their coupling with marine ecosystems.

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

Rick Curtis

For outstanding contributions to advancing the use of meteorology in the airline industry, significantly enhancing safety and efficiency of operations.

THE AWARD FOR OUTSTANDING ACHIEVEMENT IN BIOMETEOROLOGY

Kywa Tha Paw U

For pioneering work on canopy turbulence models and the surface renewal methodology, creative teaching techniques, and outstanding leadership in promoting excellence and high standards in biometeorology.

THE AWARD FOR BROADCAST METEOROLOGY

Bryan Busby

For outstanding weather communication, mentorship, and sustained dedication to the public, and for service to the AMS broadcast community.

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

Julie Watts

For exceeding the standard weathercast to educate her audience about El Nino.

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

Margot Roosevelt

For a body of work reporting on the science and impacts of climate change from both global and local perspectives.

THE AWARD FOR AN EXCEPTIONAL SPECIFIC PREDICTION

NWS Weather Forecast Office, Mobile, Alabama

For accurately predicting and communicating the 11-12 February 2010 Deep South snowfall event.

THE FRANCIS W. REICHELDERFER AWARD

Jason Burks and Christopher B. Darden

For outstanding contributions to the transition of new data sets to NWS forecast offices to improve short-term weather forecasting.

THE HELMUT E. LANDSBERG AWARD

Jerry Allwine

For his work as chief scientist and manager of the four urban field experiments carried out under the Urban Dispersion Program, and for sustained research contributions to applied dispersion model development and testing.

THE CHARLES L. MITCHELL AWARD

Alan R. Moller

For exceptional applied research on severe storm morphology and evolution and its contribution to storm spotter training and capability.

THE LOUIS J. BATTAN AUTHOR'S AWARD

Weather Matters

Bernard Mergen

A colorful, entertaining, and detailed discussion of America's preoccupation with weather as expressed through a broad spectrum of media, history, and science.

THE LOUIS J. BATTAN AUTHOR'S AWARD

K-12 CATEGORY

How We Know What We Know About Our Changing Climate

Lynne Cherry and Gary Braasch

A wonderful book for teachers and students that shows through words and outstanding illustrations how scientists use data to understand our changing climate.

**THE AWARD FOR OUTSTANDING SERVICES
TO METEOROLOGY BY A CORPORATION**

Weather Decisions Technologies, Inc. (WDT, Inc.)

For ten years of exceptional service in transferring innovative science and technologies from research and development to customer-focused operational meteorological products and services.

SPECIAL AWARD

James F. Witt

For innovative leadership in teaching high school meteorology, mentoring, and inspiring his students to accomplishments in the meteorological community and in life.

THE MAX A. EATON PRIZE

Michael Ventrice

For his paper, "The Role of Guinea Highlands Convection on Tropical Cyclogenesis."

THE AWARD FOR OUTSTANDING CHAPTER OF THE YEAR

Twin Cities

Lakeville, Minnesota

For outstanding community outreach, professional development, opportunities for members, and commitment to increasing membership with "bring a friend" mantra.

THE AWARD FOR OUTSTANDING STUDENT CHAPTER OF THE YEAR

Iowa State University

Ames, Iowa

For commitment to increasing membership through mentoring, study sessions, and student-faculty dinners, and for dedicated outreach activities and promotion of AMS.

EDITOR'S AWARD

Journal of Applied Meteorology and Climatology

Timothy Lang

For rapid response and exceptional reviews related to radar and its applications.

Matthew Menne

For exceptionally thorough, insightful, and diligent reviews related to climate data records and analyses.

EDITOR'S AWARD

Monthly Weather Review

Altug Aksoy

For providing a large number of high-quality reviews to several of the editors.

EDITOR'S AWARD

Journal of Climate

Yuko Okumura

For consistently providing highly constructive reviews that helped the authors improve their papers.

Dáithí Stone

For supplying an unusually large number of high quality reviews in a timely manner.

EDITOR'S AWARD

Journal of Atmospheric and Oceanic Technology

Yanting Wang

For numerous, perceptive, and timely reviews that have enhanced the quality of the journal.

Carl Wunsch

For thorough, insightful, and constructive reviews that significantly improved the quality and timeliness of the journal's publications.

EDITOR'S AWARD

Journal of Physical Oceanography

Marie-Pascale Lelong

For agreeing to review and re-review a large number of exceptionally challenging manuscripts and providing insightful remarks into their strengths and weaknesses.

Leif Thomas

For careful, thoughtful, and timely reviews of manuscripts on upper ocean physics and air-sea interaction.

EDITOR'S AWARD

Journal of the Atmospheric Sciences

Zachary Eitzen

For insightful, timely, and thorough reviews that greatly improved the quality of the journal.

EDITOR'S AWARD

Weather and Forecasting

David Novak

For exceptional timeliness with helpful and meticulous reviews.

EDITOR'S AWARD

Journal of Hydrometeorology

Terri Hogue

For prompt, diligent, and useful reviews that significantly improved the quality of the journal.

EDITOR'S AWARD

Weather, Climate, and Society

Margarethe Kusenbach

For an excellent and constructive review of a manuscript that improved the style and clarity as well as the theoretical and methodological contributions.

EDITOR'S AWARD

Bulletin of the American Meteorological Society

Jeffrey Anderson

For providing practical and insightful advice to authors and editors that significantly improved a complex manuscript while maintaining critical points of information.

EDITOR'S AWARD

Monthly Weather Review

Weather and Forecasting

Ryan Torn

For providing thorough and timely reviews of numerous manuscripts for both journals.

The Robert E. Horton Lecturer in Hydrology for 2011

James A. Smith

For outstanding contributions to the study of radar-based rainfall estimation, the scaling properties of rainfall and basin runoff response, and the hydrometeorology of extreme floods.

Bernhard Haurwitz Memorial Lecturer for 2011

Dennis L. Hartmann

For many important and fundamental contributions to our understanding of atmospheric and climate dynamics.

Elected Honorary Members

Stanley Changnon

Ralph Cicerone

Qin Dahe

Fellows

Ernesto H. Berbery

Amy S. Bower

Harold E. Brooks

Johnny Chung-Leung Chan

Dudley B. Chelton

Eric A D'Asaro

James D. Doyle

James R. Fleming

Steven J. Goodman

Maura E. Hagan

Bartlett C. Hagemeyer, CCM

Richard M. Hodur

George A. Issac

Thomas D. Keenan

Kevin R. Knupp

Sonia M. Kreidenweis

William P. Mahoney

Natalie Mahowald

Jonathan T. Malay

James I. Metcalf, CCM

Joel N. Myers

Stephan P. Nelson

John Nielsen-Gammon

David W. Reynolds

W. David Rust

Bradley F. Smull

Veronica Johnson Weems

Robert S. Winokur

Xubin Zeng

Steven M. Zubrick