



# AMERICAN METEOROLOGICAL SOCIETY

Annual Report 2015

A blurred, high-speed photograph of a large crowd of people, likely at a public event or festival. The image is characterized by horizontal streaks of color, suggesting movement and a sense of a large gathering. The colors are warm, with many shades of orange, yellow, and red, possibly from clothing or stage lighting.

ADVANCING SCIENCE FOR SOCIETY

# Alexander "Sandy" MacDonald: President's Message

ONE OF MY MENTORS SAID that we often end up running around stepping on ants while the elephants run by. As I reflect on my year as President of AMS, I think about whether we've been making progress and whether we're addressing the big issues that the nation and the world face every day.

In December 2015, I attended the Conference Of Parties 21 in Paris as a part of the U.S. delegation. It was clear that during the last few decades, the science of climate change has grown from a scientific curiosity to a driving education and policy imperative for all of Earth's nations. Painted on the walls of the Paris subway, I saw the climate model equations that Syukuro Manabe published in an AMS journal decades ago – clear recognition that our science and our organization have changed the global agenda.

Similarly, we have seen weather increasingly become leading news stories across the country. From drought to flooding, from snowstorms to tornadoes, from wildfires to spreading diseases, we are reminded every day that we need accurate and timely weather information to protect lives and property.

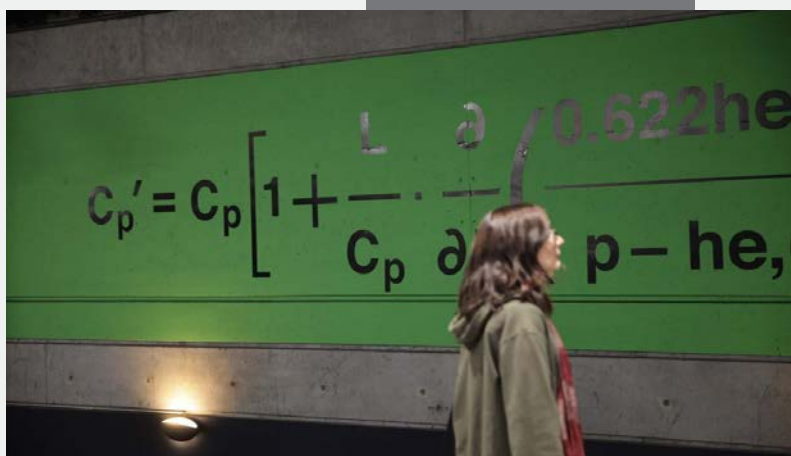
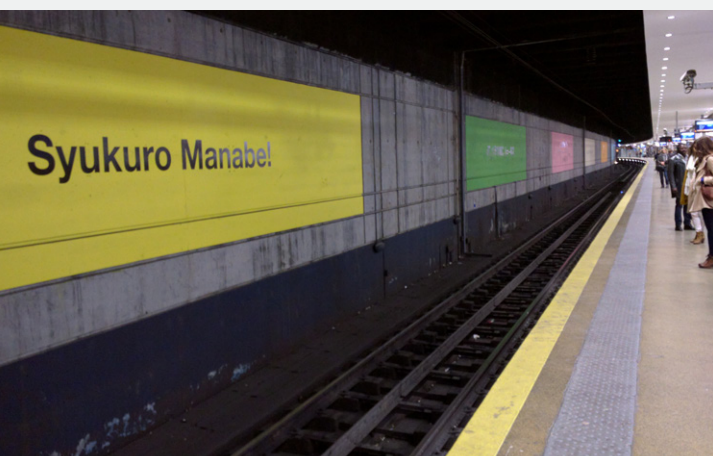
Today, greatly improved science allows us to track and forecast weather with pinpoint accuracy. AMS has made the crucial connection between the science and practice, enabling both to advance rapidly. The lesson for the future is that the combination of strong publications, vibrant meetings, and active participation of both the science and the service aspects of AMS must continue to strengthen and grow.

Our Annual Meeting in New Orleans in January was our largest ever. As President, I did not get to as many sessions as I would have liked, but enough to be extremely proud of the work we are doing. The presentations, special events, posters, and other sessions all pointed to AMS's ability to bring together the entire weather, water, and climate community at a time when our members are providing increased expertise in so many areas of Earth system sciences. We've been working hard to involve wider domains like social sciences, hydrology, and atmospheric and oceanic chemistry in our planning, our publications, and our meetings.

In the Presidential Forum, we had an outstanding set of speakers who addressed what we had learned in the 2005 Hurricane Katrina disaster,



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## President's Message (continued)

and the 2010 Deepwater Horizon oil spill. We discussed society's growing vulnerability and increased interdependence, with ideas about how AMS could make meaningful differences in coming decades.

In September, AMS hosted a special workshop, led by 2014 President Bill Gail and ably assisted by Bill Hooke and others. The workshop brought together a cross-section of our community to discuss ideas and opportunities for our 100th Anniversary in 2019 while posing questions about the long-term future of AMS. More on this will be coming out in the months and years ahead.

Another goal of mine during my year as president was to try to get our students, early career, and mid-career members to see the important role that AMS can play in their professional life. Today it is common for younger people to change jobs a number of times during their careers. I encourage people to remember that AMS is a vital resource when making career transitions, and professional networking ranks as a highly valued benefit of AMS membership.

As president, I was happy to see progress in a number of areas that will enhance AMS's leadership role. We made a major improvement in our web site, providing an entirely new front end and back end platform to deliver all our expert resources, benefits, and information for everyone interested in the weather, water, and climate community. We also drafted bilateral agreements with other international societies, including the Canadian Meteorological and Oceanographic Society, the Indian Meteorological Society, the Australian Meteorological Society, and the Chinese Meteorological Society.

I have had the privilege of serving on the AMS Executive Council twice in my career. The first was in the early 1990s, when we were preparing for the 75th Anniversary. During the ensuing 25 years, AMS has grown and prospered, while making the world a better place. It was fascinating and gratifying, then, to be given the honor of being your President as we lead up to our 100th Anniversary. We now have an excellent combination of staff, volunteers and processes. Keith Seitter and the entire AMS staff are extraordinary, dedicated, knowledgeable, and a genuine pleasure to work with. The Commissioners, Committees and the countless volunteers are also essential to success for AMS. As I learned a quarter century ago, these are the kinds of professionals who make me proud to be a part of this community. And that certainly is how I feel about AMS – an organization with a long heritage of great accomplishments. As I reflect on my mentor's sage words, I see a future that features AMS not just prospering, but at the head of a herd of elephants seeking solutions to the world's greatest challenges.

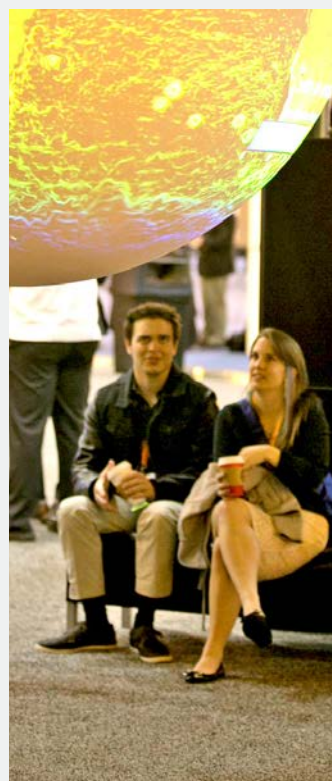


A handwritten signature in black ink, which appears to read "AEM. O. MacDonald".

Alexander MacDonald, AMS President, 2015



**I encourage people to remember that AMS is a vital resource when making career transitions, and professional networking ranks as a highly valued benefit of AMS membership.**



# PUBLICATIONS

Along with maintaining the highest level of quality (AMS once again had several of the top-10 journals and 6 of the top 21 in the most recent ranking of Thompson Reuters Impact Factor®), the need for speed in publishing AMS journals remains a top priority and we followed up a record year in that regard in 2014 with another in 2015. By the end of the year, publish-ahead-of-print (article-based) work flow was implemented for all of our journals, which augurs an additional 20 percent or more cut in production time (to around 70 days) by early 2016. When

combined with continuing gains in the efficiency of the peer-review process this means that your research results will be available for the direct benefit of the weather, water, and climate community faster than ever before.

Our dedicated volunteer Editors and legion of peer-reviewers are the backbone of the journals program. We thank each and every one of you for helping AMS maintain its commitment to producing the best journals in the field!

## 2015 HIGHLIGHTS

- There were 3,436 manuscripts submitted to AMS technical journals, a new record.
- A record 1,933 manuscripts entered the production work flow, and 1,895 papers were sent to press for publication.
- An all-time record 33,412 pages were published in the AMS technical journals.

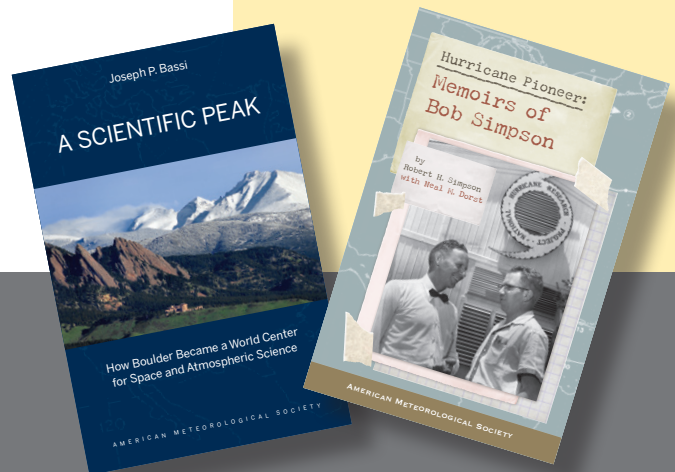
## AMS BOOKS

RESEARCH APPLICATIONS HISTORY

In 2015 AMS Books added two new titles to its growing list of high-quality primers, histories, biographies, and guides.

*Hurricane Pioneer: Memoirs of Bob Simpson* (with Neal M. Dorst) provides a personal peek into the early years of modern meteorology, when domestic and international centers of study were developing and burgeoning, Simpson was the first to ride a plane into a storm for research purposes, and the National Hurricane Research Project evolved into the National Hurricane Center.

In *A Scientific Peak: How Boulder Became a World Center for Space and Atmospheric Science*, Joseph P. Bassi introduces us to a wide variety of characters, including the tenacious Walter Orr Roberts, and the serendipitous brew of politics, passion, and sheer luck that, during the post-WWII and Cold War eras, would transform this "scientific Siberia" into the research mecca it is today.



AMS also added 23 older titles to the archive available electronically through Springer, and made all newer titles available in both PDF and ePub formats through our own AMS Online Bookstore, as well as through our print distribution partner, the University of Chicago Press, Amazon, Apple, and a host of other eBook vendors.

Overall, unit sales of AMS Books increased 44 percent in 2015, thanks in no small part to the success of *The Thinking Person's Guide to Climate Change* by Robert Henson, and proof that the weather, water, and climate community is eager for the kind of content AMS Books has become expert at cultivating, publishing, and marketing.

# POLICY

The AMS Policy Program strengthens the weather, water, and climate community by helping policy-makers and scientists understand one another and work together more effectively. We help develop the capacity within the AMS community to effectively and constructively contribute to the policy process. We help inform policy makers directly of established scientific understanding and the latest policy-relevant research.

We promote informed and thoughtful decision-making through analysis, communication, innovative problem solving, and research. Our activities help secure the support and resources that the scientific community needs to make critical information and services available and help the nation, and the world, avoid risks and realize opportunities related to weather, water, and climate.

## 2015 HIGHLIGHTS

- We conducted our 15th annual Summer Policy Colloquium, which is our intensive introduction to the federal policy process for Earth scientists. Over 500 scientists have now been through this program.
- We held four Capitol Hill briefings in 2015. These focused on: 1) seasonal weather forecasting for agriculture, energy, and fisheries, 2) the potential of natural infrastructure to enhance coastal resilience, 3) inland flooding and the potential to reduce risk and mitigate impacts, and 4) coastal flooding (science, risk communication, and response).
- We placed our 16th scientist on Capitol Hill through the AMS Congressional Fellowship program.
- We conducted a workshop on the challenges and opportunities of transitioning science into services (often called research to operations). We are continuing our study on water and related activities to develop and advance
- We continue to monitor federal funding and oversight efforts for weather, water, and climate research. We analyzed weather and climate related R&D in the President's budget request for 2016 as part of our annual contribution to AAAS' budget blue book.
- We led three Congressional Visits Days (CVD) for the AMS community in 2015. In June, we held a CVD focused on weather, water, and climate. In February and September we joined together with about a half dozen other scientific societies to make possible CVDs that focused on climate science and the geosciences, respectively.
- Finally, we strengthened our nonresident fellows program in 2015 with the appointments of Jeff Lazo and Kristen Averyt as new nonresident fellows.





# EDUCATION

The AMS Education Program marks 25 years of remarkable outreach with the goal of educating the next generation and increasing scientific literacy. The Education Program offers a wide variety of resources, materials, and programs for K-12 educators as well as faculty and students at undergraduate institutions. AMS provides course materials, in-classroom resources, educator instruction, and specialized training for educators in weather, water, and climate sciences. The December 2015 BAMS article “The AMS Education Program: 25 Years of Promoting Earth System Science Literacy” highlights this work.

The year 2015 marked a major step towards the full digitization of AMS Education course materials. All materials, with the exception of the Ocean textbook currently in revision, were made available as dynamic eBooks with web-based features. This transition is a more sustainable approach to materials

distribution, and promotes the Education Program’s emphasis on using real-world and current science in its learning materials. The eBooks contain many features not available in a static physical book, are lower priced, and have greater portability. Many AMS members contribute to the creation and editing of course materials and revenues from modest licensing and book rental fees help support Education Program initiatives.

In 2015, AMS partnered with several key organizations to achieve its goals. NOAA, a longtime supporter of the DataStreme Atmosphere and Ocean teacher professional development courses and Project ATMOSPHERE summer workshop, added DataStreme Earth’s Climate System to its umbrella of funding. The Climate course was developed and administrated for several years prior with NASA support. The U.S. Navy continued to support the Maury Project

## 25 YEARS OF SCIENCE EDUCATION

summer workshop for teachers. In 2015, 465 teachers participated in AMS programs. In total, more than 20,000 K-12 teachers have been trained, impacting 200,000 additional educators and several million students. Member support helps trained teachers return to their classrooms more competent and confident when teaching about AMS disciplines.

Strong partnerships continued in support of AMS Weather, Ocean, and Climate Undergraduate Courses and diversity programs. Twelve minority-serving institution (MSI) faculty participating in the NSF-funded AMS Climate Studies Diversity Project presented at



## EDUCATION (continued)



**The introduction of AMS courses does a major service to institutions who lack courses in weather, water and climate.**

the January 2015 AMS Annual Meeting. Thirty Diversity Project faculty participated in the May 2015 course implementation workshop, bringing the number of program participants to 101. NOAA, NASA and Howard University's Beltsville Center for Climate System Observation co-sponsored the climate workshop. Second Nature, which manages the American College & University Presidents' Climate Commitment and the Resilience in Higher Education initiatives, has been a close partner in this

work. Through grant-funded partnerships with Consortium for Ocean Leadership (NSF support) and the U.S Ice Drilling Program Office (Lockheed Martin support), AMS helped facilitate advanced faculty professional development workshops in paleoclimate. Most of the 28 MSI faculty members in attendance have also offered AMS Undergraduate Courses. As a whole, AMS Weather, Ocean and Climate Studies have activated 850 institutional licenses, 400 of which are from MSIs. Well over 100,000 students have taken AMS courses.





# MEMBERSHIP

The AMS Membership Committee was very active in 2015, meeting bi-monthly to discuss ways in which AMS could better serve national members, chapter members, students and early career professionals and others in the weather, water, and climate community.

## MEMBERSHIP (AS OF 31 DECEMBER 2015)

Honorary Members	30
Fellows	670
Members	8,151
Members with Student Privileges	274
Associate Members, Voting	26
Associate Members, Nonvoting	868
Associate Members, Precollege Students	123
Associate Members, K-12 Teacher	74
Student Members	2,492
Corporation Members*	154
<b>TOTAL</b>	<b>12,862</b>

*\*Includes 10 Sustaining; 56 Regular; 12 Small Business; 76 Publications*

## 2015 HIGHLIGHTS

- Last year, AMS received just over 1,640 new member applications. 567 were for full membership and 982 were students.
- The total number of full Members at the end of 2015 was 9,125 (includes Members, Members with Student Privileges, Fellows, and Honorary Members).
- In 2015, AMS had a total of 2,615 student members.
- Members continue to take advantage of the online services AMS has to offer. More than 70% of members renewed their 2015 membership online and 35% of members chose to no longer receive BAMS in print given their access to Digital BAMS.





# MEETINGS

The AMS Meetings department continues to show how valuable our meetings are to the entire weather, water, and climate community. When looking more closely at the numbers below, it would appear that participation is down, though as has been the case for the last number of years, odd-numbered years have fewer conferences scheduled. This results in lower registration numbers and abstract submissions overall, but if you were to look at each meeting individually and compare it to the last time the group met, there was a higher number of participation. Meetings came in with just under 5,000 people attending AMS conferences giving more than 3,800 presentations.



AMS Meetings are vital to professionals in the private, public, and academic sector because they can share scientific research and knowledge while networking with peers, colleagues, and friends. Students also benefit from attending meetings and AMS remains committed to providing as many scholarships as possible to ensure students benefit from this important professional experience. In 2015, the student conference had 750 participants.

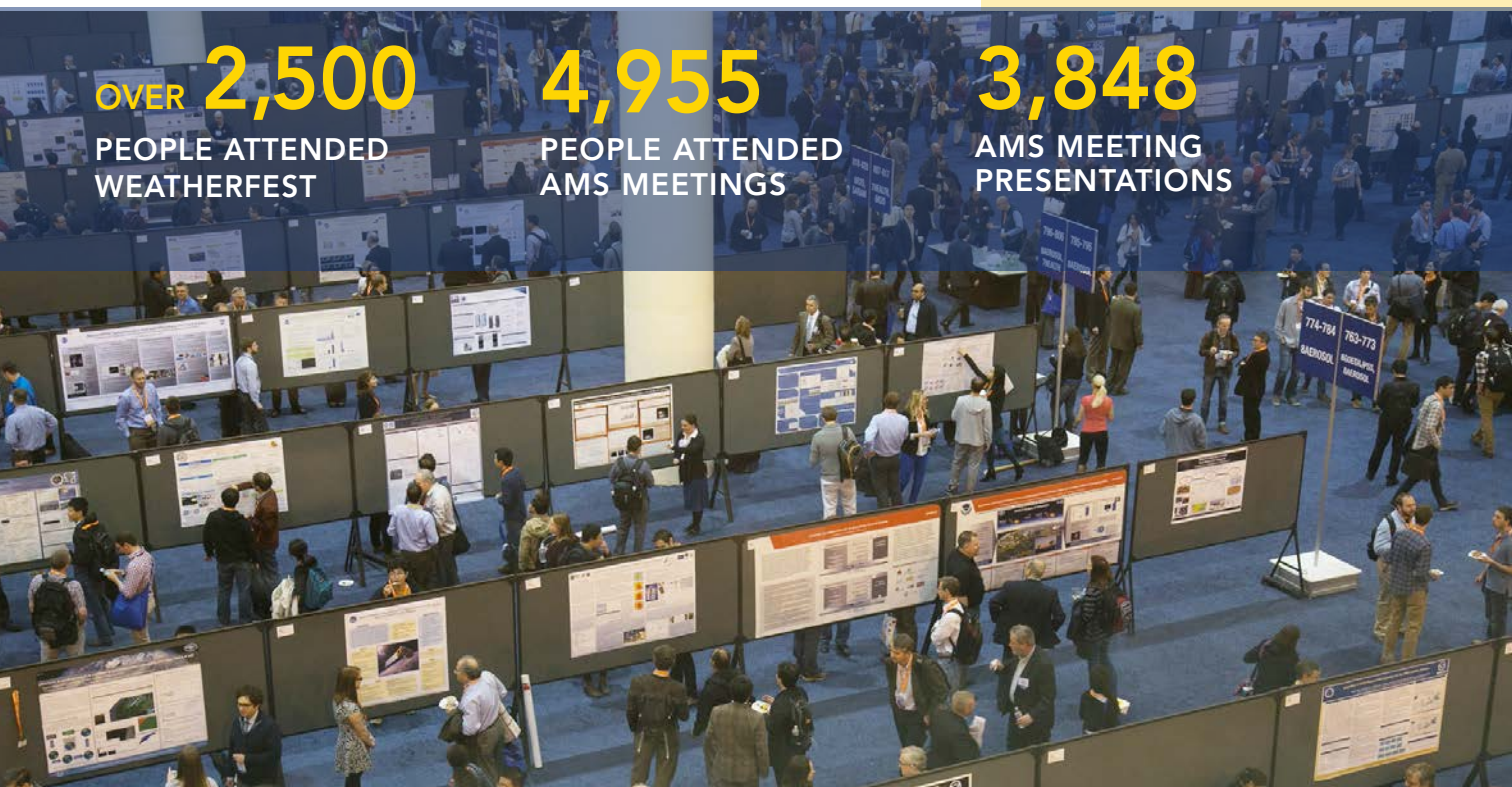
## 2015 HIGHLIGHTS

- AMS hosted 10 meetings in 9 cities.
- 750 students attended the Student Conference.
- More than 114 organizations exhibited during 2015 meetings
- 12 organizations helped sponsor AMS meeting activities.

**OVER 2,500**  
PEOPLE ATTENDED  
WEATHERFEST

**4,955**  
PEOPLE ATTENDED  
AMS MEETINGS

**3,848**  
AMS MEETING  
PRESENTATIONS



# COMMUNICATIONS

This past year, the Communications team worked on bringing easier access to all AMS programs and activities, as well as sharing the value of AMS with members, peers, and colleagues. This was seen most visibly in the launch of the new AMS website, **AMETSOC.org**.

The new site was launched in July 2015 following more than a year of planning and coordination with every department across AMS. This new site was designed to improve overall navigation as well as to convey a stronger understanding of what AMS does best: strengthen the entire weather, water, and climate community.

Community is an important component of the AMS experience, and we appreciate the opportunity to serve our members and others in exciting and valuable ways.

The new AMS website was designed to include a much stronger sense of this vibrant and cooperative community. From brighter colors, to cleaner font, to people sharing their work, their experiences, and their passions.

It is our belief that the entire weather, water, and climate enterprise succeeds because it is a community that comes together to share, learn, collaborate, and grow.



## AMS CERTIFICATION PROGRAMS

The AMS Certified Consulting Meteorologist (CCM) and Certified Broadcast Meteorologist (CBM) Programs continue to grow as these designations are sought as marks of professional distinction and recognition. AMS certifications have been nationally recognized as the standard in meteorological certification since 1957. They enable the public and users of meteorological services to have greater confidence in the quality and reliability of weather presentations and services provided by those that have been certified. AMS Certification Programs are facilitated by the Board of Broadcast Meteorologists and the Board of Certified Consulting Meteorologists which are made up of many hard working volunteers from the weather, water, and climate community.

- In 2015, 6 individuals earned the Certified Consulting Meteorologist designation, bringing the total number of active CCMs to 283.
- In 2015, 41 broadcast meteorologists earned the CBM certification, bringing the total number of active CBMs to 567.

Learn more about AMS Certification Programs at [ametsoc.org/amscert/](http://ametsoc.org/amscert/).





# AMS LOCAL CHAPTERS

AMS Local Chapters have been an integral part of AMS since its beginning and chapter members' work diligently to help promote the atmospheric and related sciences to individuals at the local level. Through severe weather awareness workshops, school visits, science fair judging, and other forms of community service, **AMS local chapters help further the mission of AMS.**

The following chapters were authorized in 2015, bringing the total number of active chapters to 152. **There are currently 86 student chapters and 66 regular chapters.**

- Stony Brook University Student Chapter, Stony Brook, NY
- University of Louisville Student Chapter, Louisville, KY
- George Mason University Student Chapter, Fairfax, VA
- Morristown-Beard School Pre-College Chapter, Morristown, NJ

The West Central Florida Chapter received the 2014-2015 Chapter of the Year Award and the Ohio University Chapter received the 2014-2015 Student Chapter of the Year Award. The following chapters received honor roll status: Asheville, Iowa State University, Lyndon State College, Northwest Indiana, and Southwest Pennsylvania.

**A listing of all AMS Local Chapters is available on the AMS Web site.**



Ohio University accepts the AMS Student Chapter of the Year Award from outgoing President Alexander "Sandy" MacDonald.

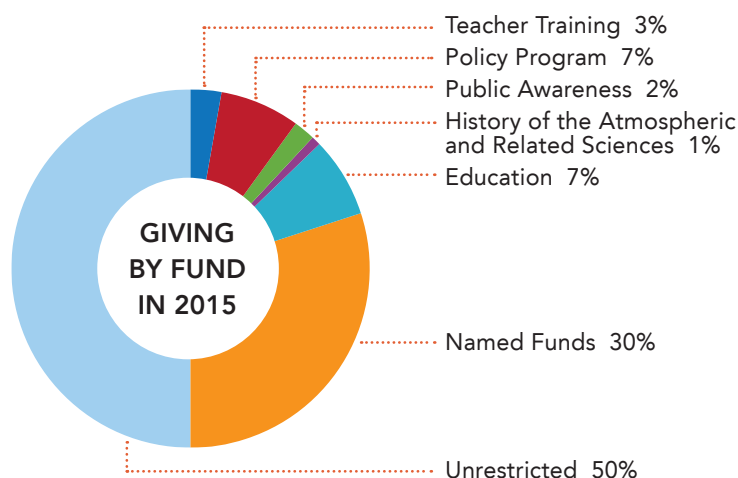
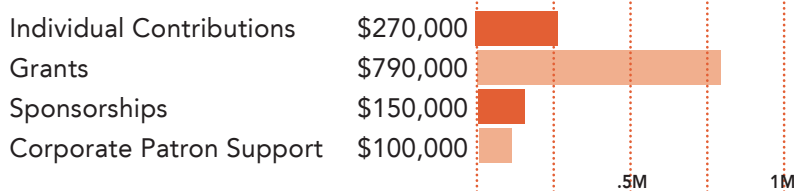
# DEVELOPMENT

AMS continued to receive strong extramural support for programs through members, corporate sponsorships, and grants from federal agencies. These programs, many of which are student-related, could not have been implemented without external funding.

In 2015, Lockheed Martin Corporation renewed their support as an AMS Corporate Patron.



## EXTRAMURAL SUPPORT IN 2015 (rounded to the nearest thousand)



## 2015 HIGHLIGHTS

- The fellowship and scholarship program celebrated 25 years of helping the next generation of scientists. Since its inception, AMS has awarded more than \$10 million to nearly 1,200 outstanding students, thanks to the generous support of AMS members, corporations, and government agencies. For 2015, AMS awarded 9 fellowships and 39 scholarships, thirteen of which are endowed.
- With member contributions, AMS was able to provide partial travel support for more than 100 students to attend the AMS annual meeting in Phoenix and several specialty conferences held throughout the year.
- The 14th Annual AMS Student Conference, supported almost solely with member donations, attracted over 800 students. The two-day conference focused on areas surrounding the theme, "Shaping your Future in Weather, Water, and Climate".
- Corporate support helped make it possible for the AMS to present scientific briefings on Capitol Hill that focused on the potential of seasonal weather forecasting; the role of natural infrastructure on coastal resilience; and opportunities to reduce vulnerability to floods.
- Corporate support helped make it possible for AMS to place another AMS scientist on Capitol Hill as part of the AAAS Science and Technology Policy Fellowship program.
- More than 30 corporations contributed over half a million dollars to support meeting sponsorships, student programs, and Policy Program activities.



Scholarship and Fellowship recipients and representatives from sponsoring organizations.



# FINANCES

## 2015 HIGHLIGHTS

- AMS set another record for pages published in the technical journals in 2015, with 33,191. Eliminating color charges for fully-paid articles caused Author Charges income to be lower for the year. Subscriptions and Royalty Income were also lower.
- The Meetings group had a strong year despite less meetings and conferences. Abstracts and registrations were lower this year; however, exhibits and sponsorships were higher this year, contributing to a profitable year.
- We continued to see sluggish membership numbers in 2015. Subscriptions, Author Charges, and Advertising were lower this year, while Certifications had a slight increase over 2014 amounts.
- The Education department's Grant income increased in 2015. Licensing Fee/Textbooks also improved as it transitions to all e-book formats. Effective cost control measures kept expenses on budget.
- The Policy program had a strong year, securing a new federal grant, as well as another successful Summer Policy Colloquium.
- It was another good year for AMS' Development activities, as Contributions, Fellowships, and Scholarships were all strong.
- The fair value of the Society's investments decreased during 2015, mirroring the weak overall equities market.

During 2015, AMS finances saw the effects of significant Society initiatives that will place us in good position for growth in the future, but which also impacted the bottom line. AMS has launched a new association management system as of March 2016, which will greatly upgrade its capabilities over the current, over 20-year old program, but which required a large increase in computer consulting work during 2015. 2015 also saw a continuation of the build-up of the Communications department, which will help drive the upcoming push to increase membership. However, both initiatives had the short-term effect of reducing net income.

However, these changes are mitigated by a very strong year from the Meetings group, including a very successful annual meeting in Phoenix. We also saw a strong rebound from the policy group, with new grants and a successful Summer Policy Colloquium. The Education group is starting to get traction in its on-line course offerings.

Overall, we ended the year decreasing unrestricted net assets. We will be focusing on how to improve our bottom line for 2016 and beyond.

We will present more detailed information in our audited financial statements, which will be published in a future issue of *BAMS*.



# THANK YOU

AMS BOARDS  
AND COMMITTEES IN 2015



AMS ADVANCES THE ATMOSPHERIC AND RELATED SCIENCES, TECHNOLOGIES,  
APPLICATIONS, AND SERVICES FOR THE BENEFIT OF SOCIETY.



## AMS VOLUNTEER STRUCTURE

The following list provides the membership of all AMS boards and committees in 2015. Current board and committee membership can be found on the AMS website.

### Officers

*President:*

Alexander E. MacDonald,  
NOAA/ESRL

*President-Elect:*

Frederick H. Carr, *School of Meteorology, Univ. of Oklahoma*

*Executive Director:*

Keith L. Seitter, CCM, *American Meteorological Society*

*Secretary-Treasurer:*

Richard D. Rosen

### Past President

William B. Gail, *Global Weather Corporation*

J. Marshall Shepherd, *The University of Georgia*

### Councilors

*Terms Expire 2016*

Stephen F. Corfidi, *NOAA/NWS/Storm Prediction Center*

Sonia M. Kreidenweis, *Colorado State University*

Frank D. Marks, *NOAA/AOML/HRD*

Yvette P. Richardson, *The Pennsylvania State University*

Elizabeth A. Ritchie, *University of Arizona*

*Terms Expire 2017*

Heidi M. Cullen, *Climate Central*

Susan Jasko, *California University of PA*

Dennis P. Lettenmaier, *University of California, Los Angeles*

Michael C. Morgan, *University of Wisconsin-Madison*

Wendy Schreiber-Abshire, *UCAR/COMET*

*Terms Expire 2018*

William Easterling, *The Pennsylvania State University*

Carol Anne Clayton, *WHOI*

Laura Furgione, *NOAA/NWS*

Kevin Petty, *Vaisala, Inc.*

Alan Sealls, CBM, *WKRG-TV*

## COMMITTEES OF THE EXECUTIVE COMMITTEE

### 100th Anniversary Campaign Committee

*Chair:* Susan K. Avery

Elbert Friday

Richard D. Rosen

Eileen Shea

H. Joe Witte

William B. Gail,  
*Ex Officio*

### Annual Meeting Oversight Committee

*Chair:*

Timothy J. Brown

Jeffrey Lowe  
Anderson

Ross N. Hoffman

William R. McCarty

Takemasa Miyoshi

Zhaoxia Pu

Carolyn A. Reynolds

Timothy J. Schmit

Peter Veals

Frederick H. Carr,  
*Ex Officio*

Alexander E.  
MacDonald,  
*Ex Officio*

### Atmospheric Research Awards Committee

*Chair:* Eric F. Wood

*Chair-Elect:*

Joseph B. Klemp

Christopher  
Bretherton

Paul A. Dirmeyer

Natalie Mahowald

Claire L. Parkinson

Anne M. Thompson

Kirk Bryan, *Ex Officio*

Christa D. Peters-  
Lidard, *Ex Officio*

Alexander E.

MacDonald,  
*Non-voting Ex Officio*

Richard D. Rosen,  
*Non-voting Ex Officio*

### Awards Oversight Committee

*Chair:* William B. Gail

Richard D. Rosen,  
*Ex Officio*

Kirk Bryan, *Ex Officio*

Frederick H. Carr,  
*Ex Officio*

Mary M. Glackin,  
*Ex Officio*

Alexander E.  
MacDonald,  
*Ex Officio*

Rajul Pandya,  
*Ex Officio*

Robert M. Rauber,  
CCM, *Ex Officio*

David J. Stensrud,  
*Ex Officio*

Jay J. Trobec, CCM,  
CBM, *Ex Officio*

Eric F. Wood,  
*Ex Officio*

Rana A. Fine,  
*Non-voting Ex Officio*

### Centennial Committee

*Chair:* William B. Gail

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Andrea J. Bleistein

Lance F. Bosart

Melissa A. Burt

Mary M. Glackin

Susan Jasko

Kimberly E. Klockow

Kevin Kloesel

Muge Komurcu

Alexander E.  
MacDonald

John R. Toohey-  
Morales, CCM, CBM

Sepideh Yalda

## Committee on Environmental Stewardship

*Chair:*

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Dominic A.  
Cammarota

Richard Dale Clark

Eugene C. Cordero

Rebecca  
Haacker-Santos

Sonia M. Kreidenweis

Emerson N. LaJoie

Caroline P Normile

Ana C. Ordonez,  
*Student Member*

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*Chair:* Thomas H.  
VonderHaar

Lourdes B. Aviles

Joseph P. Bassi

Eugene W. Bierly

Neal M. Dorst

Gregory A. Good

John A. Knox

William B. Rossow

Wayne H. Schubert

James R. Fleming,  
*Non-voting Ex Officio*

Kathleen Legg,  
*Non-voting Ex Officio*

### Hydrologic Research Awards Committee

*Chair:* Christa D.  
Peters-Lidard

Efi Foufoula-  
Georgiou

Vincenzo Levizzani

John C. Schaake

Soroosh Sorooshian

Eric F. Wood

Richard D. Rosen,  
*Non-voting Ex Officio*

# Climate Change: Greenland Melting Tied to Shrinking Arctic Sea Ice

MARCH 28, 2016 • JCLI



## COMMITTEES OF THE EXECUTIVE COMMITTEE

(continued)

### Investments

*Chair:* Paul D. Try  
John T. Snow, CCM  
Dan J. Wilson  
Bradley R. Colman,  
*Ex Officio*  
Alexander E.  
MacDonald,  
*Ex Officio*  
Richard D. Rosen,  
*Ex Officio*

### Local Chapter Affairs Committee

*Chair:* Kristy C. Carter  
*Chair-Elect:*  
Elizabeth N. Smith  
Jordan Bell  
Karly A. Bitsura-  
Meszaros  
Jennifer M. Collins  
Danielle M. Kozlowski  
Wesley J. Rondinelli  
Elise V. Schultz  
Jeffrey A. Yuhas

## Membership Committee

*Chair:* Wendy  
Schreiber-Abshire  
Randall G. Bass, CCM  
Kenneth F. Dewey  
Sarah M. Dillingham  
William B. Gail  
Jill F. Hasling, CCM  
Kimberly E. Klockow  
Sonia M. Kreidenweis  
Clifford F. Mass  
Ada R. Monzon, CBM  
Marshall S. Moss  
Matthew Sitkowski  
Paul D. Try  
Xubin Zeng  
Alexander E.  
MacDonald,  
*Ex Officio*  
Richard D. Rosen,  
*Ex Officio*  
Barbara Doyle,  
*Student Member*

## Nominating Committee

*Chair:* John Hayes  
*Chair-Elect:*  
Margaret A. LeMone  
Franco Einaudi  
John E. Jones  
Rebecca E. Morss  
H. Joe Witte  
Frederick H. Carr,  
*Ex Officio*  
Richard D. Rosen,  
*Non-voting Ex Officio*

## Oceanographic Research Awards Committee

*Chair:* Kirk Bryan  
*Chair-Elect:*  
Allan J. Clarke  
Laurence Armi  
Lee-Lueng Fu  
M. Susan Lozier  
Thomas B. Sanford  
Eric F. Wood  
Alexander E.  
MacDonald,  
*Non-voting Ex Officio*  
Richard D. Rosen,  
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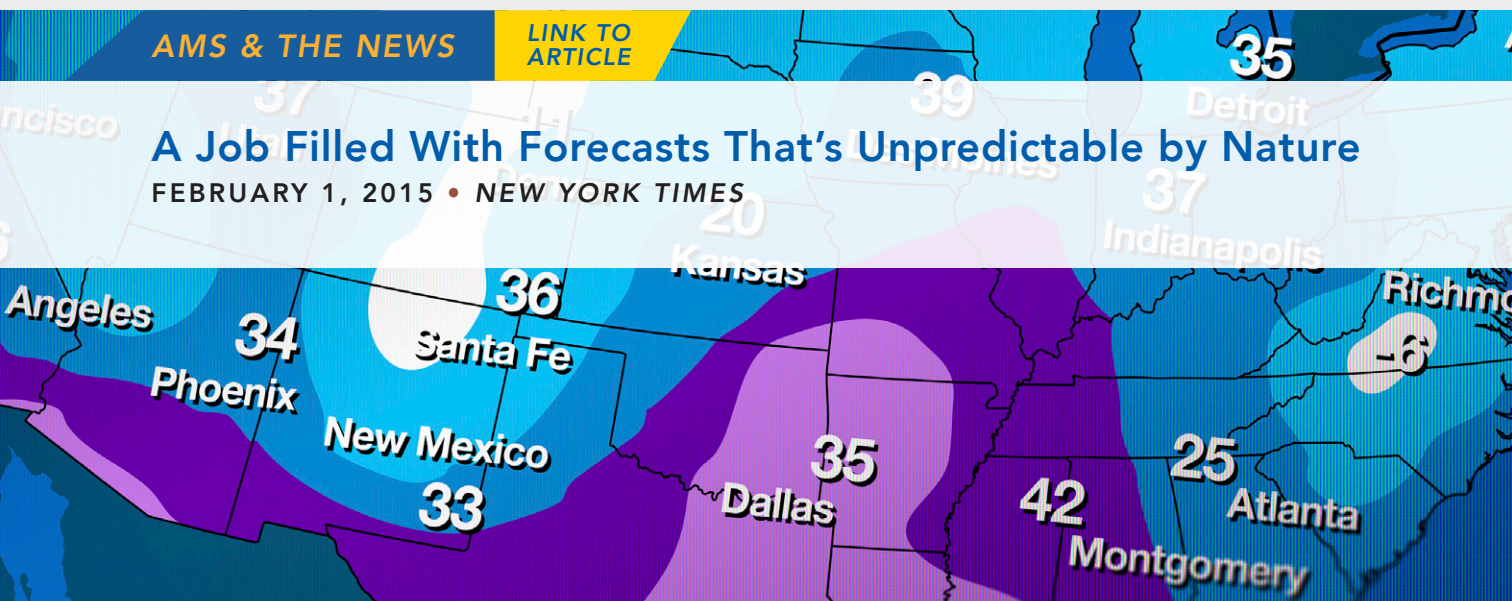
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Elisa Raffa,  
*Student Member*  
Katelyn L. Tisch,  
*Student Member*  
Daniel B. Goff,  
*Graduate Student  
Representative*

### **Kenneth C. Spengler Award Committee**

*Chair:* Mary M. Glackin  
Steven A. Ackerman  
Andrea J. Bleistein  
Douglas C. Hilderbrand  
Conrad C. Lautenbacher  
William P. Mahoney  
Melinda C. Marquis  
Shawn W. Miller  
Eileen L. Shea  
Christopher S. Strager  
Frederick H. Carr, *Voting  
Ex Officio Member*  
Alexander E.  
MacDonald, *Voting  
Ex Officio Member*

## **Members In Memoriam 2015**

*With deep regret, we list those AMS members who  
passed away in 2015:*

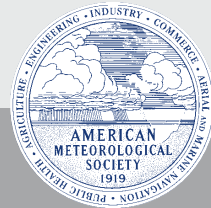
Philip Allen	Clifford Hendricks
Edgar Andreas	Lawrence Insana
Edwin Arrance	John Knauss
David Atlas	Kevin Leaman
David Barnes	Val MacBlain
Joseph Bekius	James R. Mahoney
Charles Bird	John Mason
Alfred Blackadar	Wayne May
James Bradley	Harold Nagel
James S. Brown, Jr.	John Neander
Louis Brown	Riley Newhouse
Richard Chapple	José Colón Pérez
Frank Chew	Ronald Przybylinski
Harold Cole	Eugene Rasmusson
James Connell	David Santori
Llewellyn Cross	Yoshi Sasaki
Howard Ferguson	Robert Simpson
George Fischbeck	William Skillman
Sigmund Fritz	Robert Sorey
John Geisler	Borislava B. Stankov
Bruce Gilchrist	Paul Twitchell
Sallyann Giuffrida	Robert Vick
Thomas Gleeson	Harry Volkman
Lewis Grant	J Malcolm Walker
Donald Guthrie	Stuart Warnock
George Hanssen	Robert M. White

Editor: *Tom Champoux*

Graphic Design: *Victoria Sax*



# AMS CONSTITUTION AND BYLAWS



The AMS Constitution and Bylaws is a multipage PDF document that is easily accessed on the AMS website. Please click on [ametsoc.org/constitution](http://ametsoc.org/constitution) to view the entire document.

*In accordance with the requirements in the AMS Constitution, Article XII is reproduced here.*

## ARTICLE XII. Guidelines for Professional Conduct

To enhance the benefits of the meteorological and related professions to humanity, to uphold the dignity and honor of the profession, and to provide guidance for individual members, institutional members, or for members in association with other professionals, the American Meteorological Society has adopted the following Guidelines for Professional Conduct. Only individuals and organizations who intend to abide by these Guidelines should seek admission or continuing membership in the Society; therefore, these Guidelines will appear on the membership application form and will be published at least annually in the official organ of the Society.

1. Relationship of members to the profession as a whole.
  - A. Members should conduct themselves in an ethical manner and reflect dignity and honor on their profession.
  - B. Members who are professionally active should endeavor to keep abreast of relevant scientific and technical developments; they should continuously strive to improve their professional abilities.
  - C. Members engaged in the development of new knowledge should make known to the scientific world their significant results through the media of technical or scientific publications or meetings.
2. Relationship of members to colleagues.

Members should not take credit knowingly for work done by others; in publications or meetings, members should attempt to give credit where due.
3. Relationship of members to clients and the general public.
  - A. Members should base their practice on sound scientific principles applied in a scientific manner.
  - B. Members should not direct their professional activities into practices generally recognized as being detrimental to, or incompatible with, the general public welfare.
  - C. Members undertaking work for a client should fully advise him or her as to the likelihood of success.
  - D. Members should refrain from making exaggerated or unwarranted claims and statements.
  - E. Members should refer requests for service that are beyond their professional capabilities or their scope of service to those properly qualified.
  - F. Members shall not use or display the official seal of the American Meteorological Society, the Radio Seal of Approval, the Television Seal of Approval, or the designation Certified Consulting Meteorologist or Certified Broadcast Meteorologist unless duly authorized by the Society.