

American Meteorological Society

ANNUAL REPORT 2013



Advancing the atmospheric and related sciences, technologies, applications, and services for the benefit of society.

President's Remarks



James Marshall Shepherd, AMS President

Dear Members and Friends,

My year as President of the AMS began in January 2013 in Austin, Texas, at the 93rd Annual Meeting, which was centered around the theme, "Taking Predictions to the Next Level: Expanding Beyond Today's Weather, Water, and Climate Forecasting and Projections." The Austin meeting was an overwhelming success by virtually every metric.

Each AMS President has different goals, priorities, and styles. I wrote in *BAMS* prior to being elected: "The American Meteorological Society (AMS) is a world-class professional society, educational leader, policy shaper, and forum for ideas, collaborations, and friendships. AMS leadership must understand history, value all perspectives, and consider what AMS looks like in 2011 and beyond." My three key priorities before taking office centered on (1) positioning AMS for the digital age, (2) the broadening and insertion of AMS's well-respected brand in relevant societal forums, and (3) continuing our role as the authoritative resource in the atmospheric and related fields. I truly believe that we saw substantial progress within each priority area.

During the past year, AMS continued to embrace and grow its digital presence. The AMS Front Page Blog and its social media presence (find AMS@ametsoc on Twitter or on Facebook) continued to grow. The Sandy Town Hall Meeting during the Annual Meeting in Austin trended in the "top 10" on Twitter. AMS world-class publications and journals are now available in various digital and mobile formats. AMS is in the process of transitioning to a new content-database management system and more user-friendly website that will lead to an array of enhanced member services and information in the future. The new #AMS2014 Atlanta Annual Meeting App, which debuted in 2014, is an example of outstanding new digital services.

AMS continued to build on existing partnerships and forge new ones. It was my honor to interact with leaders from the National Weather Association (NWA), the Royal Meteorological Society, the European Meteorological Society (EMS), and other meteorological societies that are part of the International Forum of Meteorological Societies (IFMS). It was a humbling experience to hear how favorably AMS is viewed and respected internationally.

We held joint sessions at the Association of American Geographers (AAG) this past spring, building upon activities started by my predecessor, Dr. Louis Uccellini. We also continued to have a strong relationship with the American Geophysical Union (AGU).

In many ways it was a challenging year, and the constant budgetary assault on our federal and operational workforce was inexcusable. AMS was an important voice in articulating the impact of sequestration, shutdowns, and travel restrictions on our community and the nation. The AMS stood on principle and used reserves to increase its support for scholarships and fellowships to offset impacts of the sequestration on these important student programs.

I really enjoyed getting to know our broadcast meteorologist colleagues better this year by attending the AMS Broadcast Meteorologist Conference in Nashville. I wanted

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President's Remarks (continued)

to firmly establish that AMS values our broadcast colleagues and encourage them to be more deeply immersed in the broader functions of the Society (e.g., nominating peers for Fellow/Awards, Board/Committee activities, Council, etc.). Our academic and research community also continues to be very important to our Society. Our journals, scientific conferences, Statements, and science perspective are considered gold standards. AMS is viewed by policymakers and the media as an honest, respected broker of science information. We established a new committee to make sure that AMS is adequately meeting the needs of the academic/research community.

Our new membership in the American Institute of Physics provides AMS with access to one of the most respected science databases in the world, providing a key resource for employment, salary, demographic, and other data. Additionally, AMS members now have access to the great *Physics Today* magazine. Another key development, perhaps not visible to members, is the hiring of Mr. Tom Champoux as Director of Communications. Tom will move us forward in communicating about AMS, externally and internally, as well as help broaden and anchor the AMS brand.

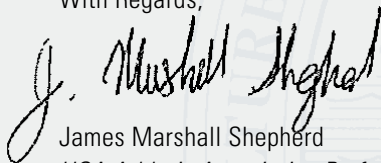
During my year as AMS president, we planned the 2014 AMS Annual Meeting in Atlanta around the theme, "Extreme Weather-Climate and the Built Environment: New Perspectives, Opportunities, and Tools." The Atlanta meeting was extremely well-attended, timely, and scientifically engaging. The weather even gave us a "case study" for the meeting theme prior to the conference.

Beyond the aforementioned goals, it was also very important to make the AMS seem more accessible to members and external stakeholders and partners. After all, it is "Our AMS" not "The AMS."

The Society is in good hands going forward with President Bill Gail, President-Elect Sandy MacDonald, and the new Council. The leadership is important, but the volunteers making up the Commissions, Boards, and Committees that are highlighted in this report are the lifeblood of the Society.

I want to thank Dr. Keith Seitter and the AMS staff. It is clear to me why AMS was voted one of the best places in Massachusetts to work in 2013. The staff professionalism is unchallenged, and it has been a pleasure working with each and every person walking the halls of 45 Beacon Street, Boston, and the AMS offices at the AAAS building in Washington, DC.

With Regards,



James Marshall Shepherd
UGA Athletic Association Professor of Geography
Director, Atmospheric Sciences Program
University of Georgia

2013 President, American Meteorological Society



AMS HEADQUARTERS

Providing Support for the Community Now and into the Future

AMS is proud to have a staff that is dedicated to providing outstanding support to our members and the entire community of the atmospheric and related sciences. Many of our staff have been with AMS for a number of years and have developed great relationships with active volunteers and supporters. Knowing they are serving a community that is doing very important work for the benefit of society leads to high levels of job satisfaction and a team spirit throughout the staff. This was recognized in 2013 when AMS was named by the *Boston Globe* as one of Boston area's top places to work.

Toward the end of 2013, a Director of Communications position was established at Headquarters, and several staff functions, such as *BAMS* and social media activities, were restructured to become a department of communications. This new department should lead to better outreach to those outside the AMS community as well as better communications within the community.

In 2013 AMS was named by the *Boston Globe* as one of Boston area's top places to work.



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AAAS Headquarters, where the AMS Washington, DC, offices are now located.



AMS Headquarters, with 45 Beacon Street on the left and 44 Beacon Street on the right.

PUBLICATIONS

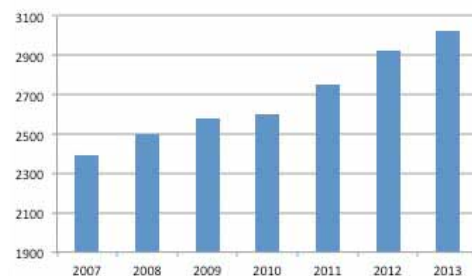
Publishing Journals, Books, and Monographs with Quality Reputations

Any discussion of AMS Publications always begins with quality. In 2013, three of the top-10 journals in the most recent ranking of Thompson-Reuters Impact Factor® (and 5 of the top 20) in the category of Meteorology and Atmospheric Sciences were AMS titles. We can now add *speed* to the conversation because peer-review and production have never been faster. The year 2013 will also be remembered as the one when additional color charges to authors were eliminated, as well as for the all-time records that were set for number of submissions to AMS journals, number of manuscripts accepted for publication, and the number of articles and pages published. None of this would be possible without our dedicated volunteer Editors and legion of peer-reviewers; thanks to each and every one of you for helping AMS maintain its commitment to producing the best journals in the field!

2013 HIGHLIGHTS

- By December, the median production time for all journals was down to 120 days (and falling). Production time has been cut by nearly 60% in the past 5 years.
- All color charges for authors were eliminated for papers submitted on or after April 1st.
- There were 3,022 manuscripts submitted to AMS technical journals, a new record.
- A record 1,867 manuscripts entered the production work flow, and 1,960 papers were sent to press for publication, also an all-time high.
- An all-time record 31,596 pages were published in the AMS technical journals.

Manuscript Submissions to AMS Journals



AMS BOOKS

RESEARCH APPLICATIONS HISTORY

In September, AMS Books released *Taken by Storm, 1938: A Social and Meteorological History of the Great New England Hurricane*, by Dr. Lourdes B. Avilés of Plymouth State University. This was published in commemoration of the 75th anniversary of New England's most powerful and devastating storm of the last century, a storm that changed lives, Weather Bureau operations and procedures, the coastline, and even the regional economy. That was followed in December by *Partly to Mostly Funny: The Ultimate Weather Joke Book*, edited by Jon Malay with a multitude of jokes from Long Island weathercaster Norm Dvoskin, a quirky volume that represents a fun departure from our scholarly offerings.



Throughout the year, AMS Books staff helped an interdepartmental committee develop a new online bookstore and fulfillment scheme that will launch in 2014. With help from the University of Chicago Press as distributor, unit sales have increased (from 2,626 in 2011, to 3,125 in 2012, to 3,235 in 2013). There were eight titles in the development and production pipeline at the end of the year, on par with last year. AMS Books continues to actively seek to acquire more titles to add to its growing list of impressive authors and books.

POLICY PROGRAM

Strengthening Connections between Public Policy and Earth System Science and Services

The AMS Policy Program promotes informed and thoughtful decision-making through analysis, communication, innovative problem solving, and research. We help policy-makers and scientists understand one another and work together more effectively. Our activities help secure the support and resources the scientific community needs to make critical information and services more broadly available while helping the nation and the world avoid risks and realize opportunities related to weather, water, and climate.



Participants of the 2013 Summer Policy Colloquium.



Dr. James McCarthy, Dr. John Balbus, Dr. J. Marshall Shepherd, and Dr. Don Wuebbles participating in a climate science briefing hosted by Senator Barbara Boxer and the U.S. Senate Environment and Public Work Committee on 13 February 2013.

2013 HIGHLIGHTS

- We conducted our 13th annual Summer Policy Colloquium, which is our intensive introduction to the federal policy process for Earth scientists. Over 450 scientists have now been through this program.
- We completed a study on climate information needs for financial decision making (www.ametsoc.org/cin). We were invited to brief the President's Office of Science Technology Policy (OSTP) and Council on Environmental Quality (CEQ) on the results.
- We held a workshop on improving resilience of healthcare facilities and services to high-impact weather events. The study based on this workshop will be published in 2014. We are invited to present the results at the 2014 CleanMed conference.
- We organized a Capitol Hill briefing on the impact of heat waves on public health. Hill briefings allow policy makers to hear directly from the leading experts in the AMS community on topics that are critically important to the nation's welfare.
- We placed our 14th scientist on Capitol Hill through the AMS-UCAR Congressional Fellowship program. Fellows spend a year serving as staff for senators or members of the House of Representatives.
- We helped lead two Congressional Visits Days (CVD). CVDs give scientists the opportunity to learn about Congress and to establish new relationships with policy makers.
- We released a seven-minute video on the basics of climate change (www.ametsoc.org/climatevideo).
- We published additional peer-reviewed articles, budget analysis, opinion pieces, and commentary. Bill Hooke completed his book *Living on the Real World*.
- Policy choices have the greatest chance to benefit society when grounded in the best available knowledge and understanding. Through our activities, the AMS Policy Program continued to advance societal decision-making with respect to weather, water, and climate. This helped policy-makers recognize and manage Earth-system risks and take advantage of the emerging opportunities our science continually makes possible.

EDUCATION

Promoting the Teaching of Atmospheric, Oceanographic, and Hydrologic Sciences

AMS recognizes the need for educators and students to have an accurate understanding of the various sciences connected with water, weather, and climate. Since the early 1990s, AMS has been providing educators with access to professional development programs that have helped them improve scientific literacy at the K-12 and introductory undergraduate levels.

2013 HIGHLIGHTS

- As of December 2013, the AMS K-12 professional development courses for teachers, including DataStreme semester-long courses and Project Atmosphere and Maury Project summer residence workshops, had trained 19,540 teachers who earned three tuition-free graduate credits for course completion. Through educational peer-training, AMS-trained teachers have impacted hundreds of thousands of additional educators and over four million students.
- During the spring and fall semesters of 2013, DataStreme Atmosphere and Ocean professional development courses for teachers trained 376 precollege educators via 29 Local Implementation Teams (LITs) nationwide. The numbers for 2013 were down due to reduced funding caused by various cuts in the Federal budget impacting NOAA as well as the sequester.
- In 2013, the DataStreme Earth's Climate System course trained 331 teachers through 23 LITs. The three years of NASA support under a NASA climate-change education grant expired midway through 2013.
- The Project Atmosphere and Maury Project two-week summer residence workshops train teachers for leadership roles within their school, districts, and states. Twenty-four teachers completed the U.S.

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The AMS Education Program is supported by NOAA, NASA, the National Science Foundation, and the United States Navy.

AMS – U.S. Navy – NOAA – SUNY Brockport Maury Project Partnership Extended

AMS, in partnership with the United States Naval Academy (USNA) and with the assistance of the U.S. Navy, NOAA, and State University of New York's The College at Brockport (SUNY Brockport), was recently awarded a new three-year grant from the Office of Naval Research (ONR) for the continuation and enhancement of The Maury Project: Precollege Teacher Training in the Physical Foundations of Oceanography. This exemplary graduate-level professional development program, conducted with NSF, NOAA, and U.S. Navy support since 1994, includes: (1) a two-week residence workshop for 24 precollege teachers each summer at the USNA, which will reach a total of 72 teachers from summers 2014-2016; (2) the revision and development of new instructional resource materials on oceanographic topics for the USNA summer workshop and post-workshop peer-training sessions conducted by the teacher participants; and (3) leadership training for Maury Project alumni serving on DataStreme Ocean and Earth's Climate System course LITs.

At the two-week USNA workshop in Annapolis, MD, the Oceanography Department makes available to the Maury Project essentially all of its outstanding facilities, including a research vessel and the Hendrix Oceanography Laboratory, which features a NOAA Tide Station and a wet laboratory that circulates water from the Chesapeake Bay. Teacher

participants have an intensive, hands-on experience in oceanography, which they are excited to share with others via peer-training workshops they conduct in their local school districts and communities.

To see the multiplying effect of the Maury Project, consider that since its inception in 1994, about 1,000 workshops have been conducted by 479 Maury peer trainers across the country, reaching about 12,000 participants. Most of those trained were teachers who, according to AMS evaluation data, have each been shown to impact about 150 students per year on average. Those trained promote the teaching of oceanographic topics at the precollege level, in support of ONR and national science, technology, engineering, and mathematics (STEM) priorities.



David Hales (Second Nature President and CEO), Beth Mills (AMS), Jill Karsten (NSF Program Director for Education and Diversity), and Jim Brey (AMS) at the AMS Climate Studies workshop

EDUCATION *(continued)*

Promoting the Teaching of Atmospheric, Oceanographic, and Hydrologic Sciences

Navy-supported Maury Project workshop at the U.S. Naval Academy in Annapolis, MD. Grant support for this program was secured for the next three years from the U.S. Navy Office of Naval Research. The Project Atmosphere workshop at NOAA's National Weather Service Training Center in Kansas City, MO, was cancelled due to the sequester but will resume in 2014 with twenty teacher participants.

- AMS undergraduate courses (Weather Studies, Ocean Studies, and Climate Studies) continue to be marketed to colleges and universities nationwide, with a special focus on expanding the study of AMS sciences to community colleges, small liberal arts colleges, and minority-serving institutions (MSIs). In total, AMS Weather, Ocean, and Climate Studies have activated 787 institutional licenses, 374 of which are from MSIs. Through support from NSF and in partnership with Second Nature [lead administrating organization of the American College & University President's Climate Commitment (ACUPCC)] AMS trained 25 MSI faculty members at a May 2013 course implementation workshop in Washington, DC, to offer AMS Climate Studies locally.



Summer 2013 Maury Project teacher participants learn about the physical foundations of oceanography.



AMS Climate Studies Diversity Project participants at the AAAS Building in Washington, DC



AMS Climate Studies Diversity Project participants view the hyperwall at NASA Goddard Space Flight Center.

MEMBERSHIP

Delivering Value to Our Members

At its core, AMS is a scientific and professional member society, providing services to over 13,000 professionals, students, and weather enthusiasts in the atmospheric and related sciences from across the United States and around the world.

2013 HIGHLIGHTS

- Last year, AMS received 1,450 new member applications. The active membership at year's end was 13,309.
- Of the 1,450 applications received, 498 (33%) were for full Member status. The total number of full Members at the end of 2013 was just over 9,400 (includes Members, Members with Student Privileges, Fellows, and Honorary Members)
- In 2013, AMS received 790 applications from students and ended 2013 with a total of 2,419 Student Members.
- Members continue to take advantage of the online services AMS has to offer. More than 65% of members renewed their 2013 membership online and 26% of members chose to no longer receive *BAMS* in print given their access to Digital *BAMS*.

OTHER ACTIVITIES IN 2013

The AMS Membership Committee was very active in 2013, meeting bimonthly to discuss ways in which AMS could better serve national members, chapter members, and others in the weather and climate enterprise. Committee initiatives during 2013 included:

- **Creating opportunities for Students and Early Career Professionals:** The committee worked with the AMS Board for Early Career Professionals in planning the first, and very well attended, AMS Conference for Early Career Professionals, held in conjunction with the Annual Meeting in Austin.
- **Expanding the AMS Beacons Program:** The committee expanded Beacon interaction into the AMS specialty meetings, the AMS Corporate Forum as well as meetings of other associations, such as the American Geophysical Union, Association for American Geographers, and National Weather Association.
- **Engaging Non-Members:** As a continuation of the effort started in 2012 to have a more structured approach to member recruitment at

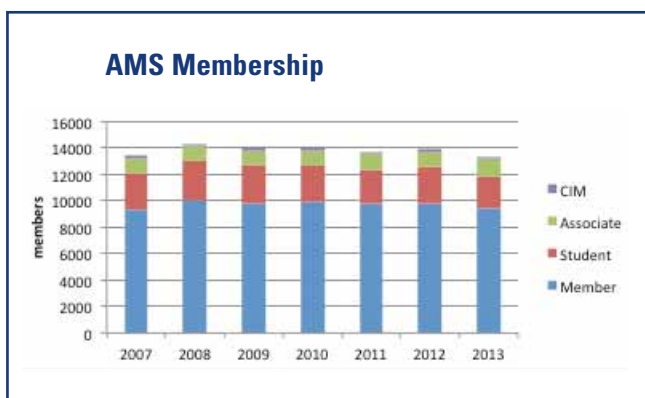
non-AMS meetings, the committee recruited volunteers to host an AMS exhibit at AAG's meeting in April, and staffed an AMS exhibit at AGU's meeting in December. Attendees of these meetings were encouraged to stop by the AMS booth, self-identify as AMS members, and collect a sticker to proudly display on their badges. This effort was done to raise awareness of AMS in non-AMS venues and to create pride and "buzz" among members.

- **Increasing Local Chapter Involvement:** Ways of enhancing national interactions with the local chapters were explored throughout the year, resulting in the decision to give extra weighting to chapters with a large number of national AMS members when reviewing applications for Chapter of the Year Awards.
- **Improving Social Media/Outreach:** The membership committee helped take social media at the 2013 Annual Meeting to a new level by developing and distributing Social media info cards to attendees; using Storify (<http://storify.com/>) as a way to collect and summarize meeting-related social media; and hyping the meeting through the AMS Blog and on Facebook and Twitter. In the spring, the committee initiated the creation of a Twitter account specifically for broadcast meteorologists.

Membership (as of 12/31/13)

Honorary Members	33
Fellows	658
Members	8,527
Members with Student Privileges	237
Associate Members, Voting	29
Associate Members, Nonvoting	1023
Associate Members, Precollege Students	120
Associate Members, K-12 Teacher	100
Student Members	2,419
Corporation Members (CIM)	163
<i>(8 Sustaining; 65 Regular; 10 Small Business, and 80 Publications)</i>	

TOTAL **13,309**



MEETINGS

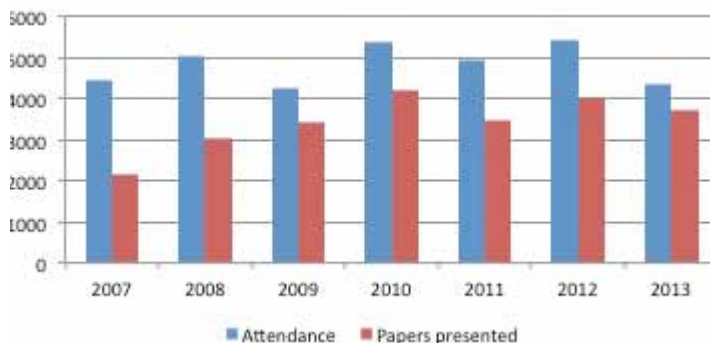
Enhancing the Exchange of Scientific and Technological Knowledge

Given the federal government budget constraints and sequestration, which impacted the entire community, there was an expectation that meeting attendance would be much lower in 2013 than in prior years. However, starting with the Austin Meeting we ended up having relatively strong numbers for both submitted abstracts and attendance, and this continued for the majority of our meetings throughout the year. There were impacts for a couple of the meetings, with travel restrictions not allowing presenting authors to attend the meeting. When program chairs were faced with last minute withdrawals, their goal was to keep the meeting strong and interactive for the attendees that were at the meeting. This was accomplished by shifting some poster presentations to oral slots and substituting panels or discussions to keep the sessions lively and interactive versus having remote presentations. There was good feedback that this approach was effective in creating dynamic meetings that served attendees well.

With the AMS Scientific and Technological Activities Commission (STAC) having 30 Committees and 6 Boards, the Council implemented

a new structure to mimic the AMS Commission on Weather and Climate Enterprise, which spreads the commissioner responsibilities among three volunteers. The new structure was completed in 2013, with David Stensrud appointed as STAC Future Commissioner, joining Ward Seguin (STAC Commissioner) and Mary Cairns (STAC Past Commissioner). The current Commissioner remains the single authority for the STAC, with the future and past commissioners providing continuity and helping to share the workload.

AMS Meeting Attendance and Papers Presented



2013 HIGHLIGHTS

- The Society hosted 9 meetings in 7 cities, which is fewer than 2012.
- There were 4,380 attendees at AMS conferences and symposia compared with 5,455 the previous year.
- The Student Conference held at the Annual Meeting had 635 attendees.
- A total of 3,706 presentations were given, compared with a total of 4,007 in 2012.
- More than 124 organizations exhibited at our meetings during 2013, which is nearly the same number as in 2012.
- Ten organizations helped sponsor AMS meeting activities.



41st Conference on Broadcast Meteorology/Second Conference on Weather Warnings and Communication

AMS CERTIFICATION PROGRAMS

Recognizing Competence and Fostering Professionalism



AMS has three widely respected certification programs—the Certified Broadcast Meteorologist program, the Seal of Approval, and the Certified Consulting Meteorologist program—to recognize broadcast and consulting meteorologists who have achieved a certain level of competency and to foster high standards of professionalism among meteorologists. AMS Certification Programs are facilitated by the Board of Broadcast Meteorologists and the Board of Certified Consulting Meteorologists which are made up of several hard-working AMS volunteers.

2013 HIGHLIGHTS

- The AMS Board of Broadcast Meteorologists organized the 41st Conference on Broadcast Meteorology, which was held 25–28 June 2013 in Nashville, TN. This was a joint meeting with the Second Conference on Weather Warnings and Communication with a total of 211 attendees. The conference included a short course titled “Weird(er) Weather and a Changing Climate: Piecing Together the Puzzle.” This day-long course on climate change provided background information on current and ongoing weather/climate research.
- The AMS Board of Broadcast Meteorologists announced an update to the on-air portion of the CBM application process. In an effort to more accurately reflect the realities of present-day weathercasts, the updated evaluation requires two weathercast submissions representing one “active” weather day and one “routine” weather day. This is a change to the prior requirement of three weathercasts from consecutive appearance days. Applicants are now evaluated in three categories: graphical, explanation, and presentation.
- Certified Consulting Meteorologists Jerry Hill, Gerald Mulvey, and Bernard Meisner added to a 2012 series of ethics articles by publishing ‘Ethics for Government Meteorologists’ in the September 2013 issue of *BAMS*.
- At the 93rd AMS Annual Meeting in Austin, Texas, the Board of Certified Consulting Meteorologists (BCCM) organized the Sixth Annual CCM Forum: Certified Consulting Meteorologists—Taking prediction beyond climate and weather: The CCM’s tools for providing solutions to real world problems. The Forum included four sessions: Forensic Meteorology; Alternate Energy; Applications of Water Resources and Hydrometeorological Analyses; and Emergency Response Planning and Operations (Public Health).
- Thirty-four broadcast meteorologists earned the CBM Certificate, bringing the total number of active CBMs to 513.
- Four AMS members earned the Certified Consulting Meteorologist designation, bringing the total number of active CCMs to 274.

Learn more about AMS Certification Programs at www.ametsoc.org/amscert/.



41st Conference on Broadcast Meteorology/Second Conference on Weather Warnings and Communication

OUTREACH

Creating a More Scientifically Literate Population

2013 HIGHLIGHTS

- The WeatherFest event at the 93rd Annual Meeting in Austin, TX, was a terrific success, with over 2,000 attendees, mostly families from the area who took advantage of the many hands-on activities that were fun for all ages.
- AMS was a sponsor of the 64th International Science and Engineering Fair, providing awards ranging from \$500 to \$2,000 to recognize outstanding student projects in the atmospheric and related sciences. In addition, AMS provided certificates of outstanding achievement to students for their local science fair projects in 34 states and 5 other countries.

- AMS President J. Marshall Shepherd was featured in many television, radio, newspaper, and blog interviews, including appearances on The Weather Channel, CBS “Face the Nation,” NOVA, and CNN. President J. Marshall Shepherd also gave a talk at TEDx Atlanta.



AMS President J. Marshall Shepherd giving his TEDx Atlanta presentation.

New Statements

The Society adopted five new statements in 2013:

- **Full and Open Access to Data**

(Adopted by AMS Council on 4 December 2013)

- **Drought**

((Adopted by AMS Council on 19 September 2013)

- **Space Weather**

(Adopted by AMS Council on 9 July 2013)

- **Climate Science is Core to Science Education**

(Adopted by the AMS Executive Committee on 23 May 2013)

- **Geoengineering the Climate System**

(Readopted by the AMS Council on 6 January 2013)

All AMS statements in force are available on the AMS website.



North Florida (left) and Iowa State University Student Chapter (right) with AMS President J. Marshall Shepherd.

AMS LOCAL CHAPTERS

2013 Highlights

- The following chapters were authorized in 2013, bringing the total number of active chapters to 137. There are currently 73 student chapters and 64 regular chapters.
 - Salisbury University Student Chapter, Salisbury, MD
 - St. Cloud State University Student Chapter, St. Cloud, MN
 - Central Ohio Chapter, Columbus, OH (reactivation)
 - Michigan State University Student Chapter, East Lansing, MI
 - East Carolina University Student Chapter, Greenville, NC
 - Coastal Carolinas Chapter, Wilmington, NC
- The North Florida Chapter received the 2012–2013 Chapter of the Year Award and the Iowa State University Chapter received the 2012–2013 Student Chapter of the Year Award. The following chapters received honor roll status: Millersville University, Southwest Pennsylvania, University of Georgia, University of Puerto Rico at Mayagüez, and West Central Florida.

A listing of all AMS Local Chapters is available on the AMS website.

DEVELOPMENT

Aiming High to Expand Opportunities

The Society 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.

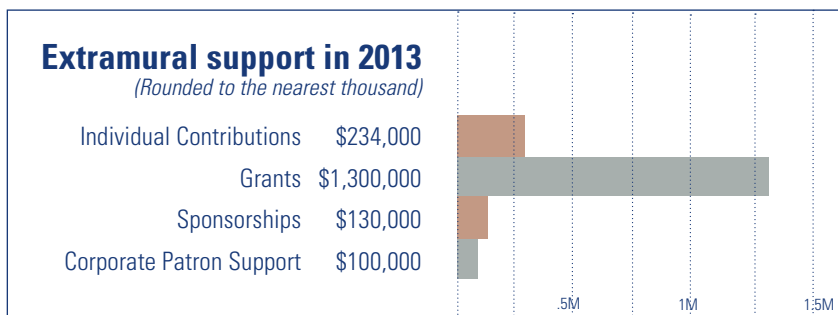
Corporate Partners

In 2013, Lockheed Martin renewed their support as an AMS Corporate Patron.



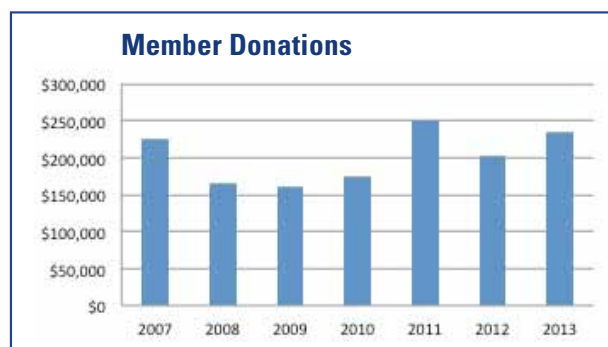
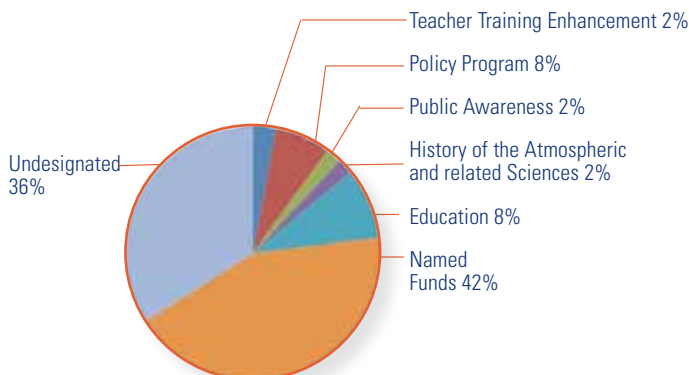
2013 HIGHLIGHTS

- The fellowship and scholarship program celebrated its 23rd year and, since its inception, has awarded over \$9.5 million to nearly 1,100 outstanding students, thanks to the generous support of AMS members, corporations, and government agencies. For 2013, AMS awarded 10 fellowships and 38 scholarships, nine 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 Austin and several specialty conferences held throughout the year.
- The 12th Annual AMS Student Conference, supported almost solely with member donations, attracted over 600 students. The two-day conference focused on areas surrounding the theme, “Expanding Weather, Water and Climate Prediction—Taking Geosciences to the Next Level.” The conference provided students with valuable graduate school and career information, including a networking reception that featured over 60 exhibitors representing all of the sectors.
- More than 30 corporations contributed over half a million dollars to support meeting sponsorships, student programs, and Policy Program activities.



2013 scholarship and fellowship recipients.

Giving by Fund in 2013



FINANCES

Managing Resources for Optimum Growth

In 2013 we faced many budget uncertainties, due in large part to the government sequestration which went into effect on 1 March 2013. This had obvious impacts on the Federal grants that the Policy and Education groups rely on. Moreover, it impacted many other areas of the budget, as will be explained in more detail below. However, 2013 also proved to be a strong year in other areas, such as Publications and Meetings. We also enjoyed a very strong return on our equity investments. In all, we are pleased to report that we ended 2013 with a significant increase in unrestricted net assets. We will present more detailed information in our audited financial statements which will be published in the August 2014 issue of *BAMS*.

2013 HIGHLIGHTS

- In 2013 our Publications program experienced both highs and lows. Subscription revenue was down substantially, in large part due to the loss of NOAA renewals. On the other hand, we shattered the previous record for pages published, with well over 31,000 pages for 2013, resulting in a significant increase in author-charge income.
- The annual meeting in Austin was successful; however, due to federal budget uncertainties, attendance was not as high as the previous year. Exhibits and abstract submissions were also lower in 2013. That, coupled with the fact that there were fewer meetings in 2013, led to lower revenues. However, expenses were also lower, which allowed the Meetings budget to come in better than break even.
- The Society experienced a decline of 540 members in 2013 compared to the prior year. As a result, dues income decreased during 2013. *BAMS* author charges, subscriptions, and advertising also decreased.
- Although uncertainties in the federal budget have caused much volatility in the Society's Education program, it came through slightly better than budgeted, though not as well as the previous year. Revenues from grants decreased, as well as income from licensing fees and textbook sales, but effective cost-control measures kept expenses lower as well.
- The AMS Policy program experienced another tough year financially due to ongoing federal budget issues, with grants and revenues from other sources decreasing. However, the Summer Policy Colloquium enjoyed a strong year, both financially and programmatically.



AMS VOLUNTEER STRUCTURE

The following list provides the membership of all AMS boards and committees in 2013. Current board and committee membership can be found on the AMS website.

Officers

President:

J. Marshall Shepherd,
The University of Georgia

President-Elect:

William B. Gail, *Global Weather Corporation*

Executive Director:

Keith L. Sitter,
CCM, American Meteorological Society

Secretary-Treasurer:

Richard D. Rosen,
NOAA/Climate Program Office

Past Presidents

Jonathan T. Malay,
Lockheed Martin

Louis W. Uccellini,
NOAA/NWS/NCEP

Councilors

Terms Expire 2014

Thomas J. Bogdan,
UCAR

Peter J. Lamb,
University of Oklahoma

Patricia A. Phoebus,
Naval Research Lab.

William L. Read,
NOAA/National Hurricane Center (retired)

H. Joe Witte, *George Mason University*

Terms expire 2015

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May 2013 AMS Climate Studies Diversity Project faculty participants visit the Howard University Beltsville Center for Climate System Observation

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The AMS Constitution and Bylaws is a multipage PDF document that is easily accessed on the AMS website. Please click on www.ametsoc.org/aboutams/organizationpdfs/constitution.pdf to view the entire document.

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

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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.
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