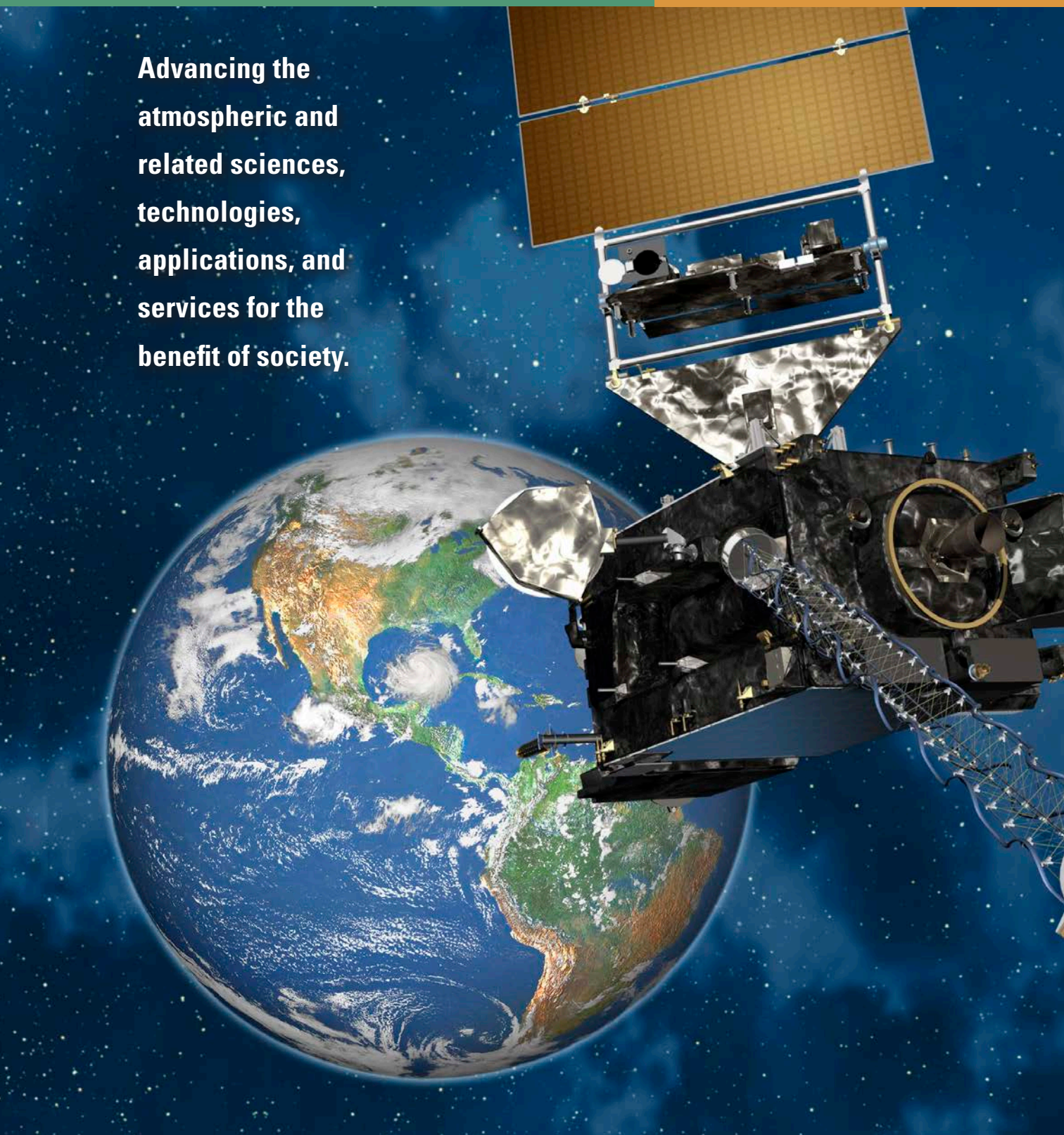
The American Meteorological Society

ANNUAL REPORT 2011

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



President's Remarks

Jonathan T. Malay, AMS President

Dear Members and Friends,

Over the past year, it has been my privilege to lead the AMS as your president, and I'll always consider this to be the high point among my professional experiences. Our 93-year-old scientific and professional organization is one that I'm very proud of and 2011 was, by any measure, a very good year. In this report you'll see ample evidence of this, beginning with our hugely successful Annual Meeting in Seattle, capably led by my predecessor, Peggy LeMone. And now, in the wake of another extremely successful meeting in New Orleans, let's look back at the past year's accomplishments.

We opened 2011 in Seattle where the uncharacteristic January sunshine matched the record-breaking attendance for the Annual Meeting and WeatherFest. We focused on the theme of "Communicating Weather and Climate" which was prescient as springtime brought devastating and deadly outbreaks of tornadoes in the southeast, flooding in the Mississippi valley, persistent drought in the southwest, and even a hurricane drawing a bead on New York City and bringing unprecedented flooding to Vermont. If ever there was a year for our community to talk about the need for excellent climate science, effective operational weather prediction, and meaningful interactions with society, it was this past year. We AMS members should be proud of the roles we have played in observing, understanding, and predicting weather and climate over the past year, and prepare ourselves to redouble our efforts in 2012 in support of NOAA's "Weather Ready Nation" initiative.

I'm very happy to report the completion of the acquisition, renovation, and occupation of 44 Beacon Street, now a fully operational extension of our historic Society headquarters at 45 Beacon Street. In 2010, the leadership team of AMS made the wise and courageous decision to seize the opportunity which presented itself when 44 Beacon came up for sale at an extremely attractive price, and at a time when the AMS was badly in need of office space expansion. And so, over the past year, Executive Director Keith Seitter and his staff were magnificent in completing the purchase and making the modernization and safety upgrades that were required, all while navigating the onerous rules and regulations that govern ownership of historic buildings in Boston. We should all be proud of our fantastic headquarters and what I jokingly refer to as "89 Beacon Street!"

At our Boston and Washington offices, the AMS Publications, Education, and Policy programs have all had a great year. We continue to publish journals of the highest quality and integrity, with the Bulletin of the AMS (*BAMS*) being one of the most highly cited publications in the entire science community. Maintaining a successful Publications program is becoming more difficult in the evolving world of digital and open-source publishing, but our staff continues to work hard to keep this program strong; it is critically important to the financial well-being of the Society. The Education department continues to produce outstanding text books and course material and, in the past year, introduced the new Climate Studies course to accompany our successful Weather and Ocean Studies curricula. The Policy Program continues to shape the dialogue on environmental policy issues through educating young professionals at our Summer Policy Colloquium and, in 2011, held an extremely effective workshop on Earth observations. These three program areas are all on sound financial footing, but the AMS is both trying to shape discussion of,

(continued on next page)

and dealing with the consequences of, a very challenging government funding situation for grants and contracts.

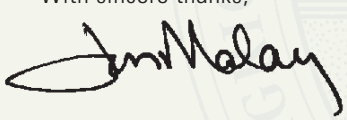
Contributions continue to come in to the Society through the generosity of a large number of members, and the Society asks for, and needs, the continued financial support these donations bring. In addition, we appreciate the continued support of our corporate and institution members, particularly our Patron Sponsors Lockheed Martin Corporation and ITT/Exelis Corporation, as well as our new underwriter for the AMS Policy Program, Ball Aerospace & Technologies Corporation. In 2011 we discussed new ways to attract donations from individuals and corporations so that we can continue to operate and expand upon our important work. One of the most important things AMS did in 2011 was to once again invest in the next generation of the Society by granting nearly a half a million dollars in 11 graduate fellowships and 42 undergraduate scholarships. It was my pleasure to personally contact all of those awardees to inform them that they had earned an AMS scholarship and to meet many of them at the recent Annual Meeting in New Orleans. This interaction with extremely smart and talented young people is pretty much the best part of the job of being president and it's only possible because of the generous contributions we receive.

While one of the trademarks of the AMS is *participation*, we should also be very proud of our *professionalism*, and we stand behind the latter by managing the certification programs for Certified Broadcast Meteorologists (CBMs) and Certified Consulting Meteorologists (CCMs). Over the past year, 38 and 10 certifications were granted by the AMS for these programs, respectively, which literally as well as figuratively put our AMS trademark on the professionalism and excellence these programs represent. To all our new CBMs and CCMs, I say congratulations and all members wish you success in your careers. We, and the extremely high professional standards of the AMS, stand behind you.

I want to thank all of the hundreds and hundreds of volunteers who serve as leaders or members of AMS Commissions, Boards, and Committees and my fellow members of the Executive Committee and Council. Participation in these roles is what makes the AMS credible, responsive, and effective. That so many members step forward to offer their time and talents is truly astounding… and appreciated. And, in speaking of appreciation, I hope all members will join me in expressing our appreciation to Keith Seitter, to his leadership team, and to all members of the professional staff of the AMS. As president, I have learned to listen to them, accept their wise counsel, and admire their extremely hard work. Behind all of the facts and figures you will find in this report, you should understand that because of the dedication of our volunteers and staff, we have a healthy and effective scientific and professional society that we can, and should, be very proud of.

In closing, fellow members, let me again say what a pleasure and a privilege it has been to serve you in 2011. And let me encourage you to continue to generously offer up your time, talent, and, if possible, financial support to the AMS. Together we can build on the successes of 2011 and move onward to our centennial celebration in 2019.

With sincere thanks,



Jonathan T. Malay
AMS President

AMS HEADQUARTERS

Providing Support for the Community Now and into the Future

The increasing pressures coming from not having adequate space for the Headquarters staff serving the Society's operations were relieved during 2011. The building next door to long-time AMS Headquarters at 45 Beacon Street in Boston was acquired in 2010, with possession of 44 Beacon Street taking place right at the end of that year. Most of 2011 was spent preparing this space for use by Headquarters staff while preserving its historic character. While the building was in very good condition, it still required some renovations and the updating of its physical systems. Perhaps more importantly, it needed to be brought into compliance with fire and safety codes. These renovations, while not extensive, were time-consuming and the space was not ready for use by the staff until the very end of 2011.

Preparations were also made to relocate the Washington, DC, office of the AMS during 2011. With the completion of the Society's lease at its 12th and G Streets location, a new lease was signed for space in the American Association for the Advancement of Science (AAAS) Building at 1200 New York Avenue. Just a block from the prior location, and still very near the Metro Center station, this location is very convenient for the staff and those interacting with them. The building also has very good meeting space that will be available for use by the AMS, allowing a more cost-effective venue for some of the meetings and workshops hosted by the Society in Washington. In addition, by being located in the same building with AAAS, the Society's ongoing collaborations with this organization, as well as other societies who have offices in this building, are facilitated.

©AAAS, used with permission.

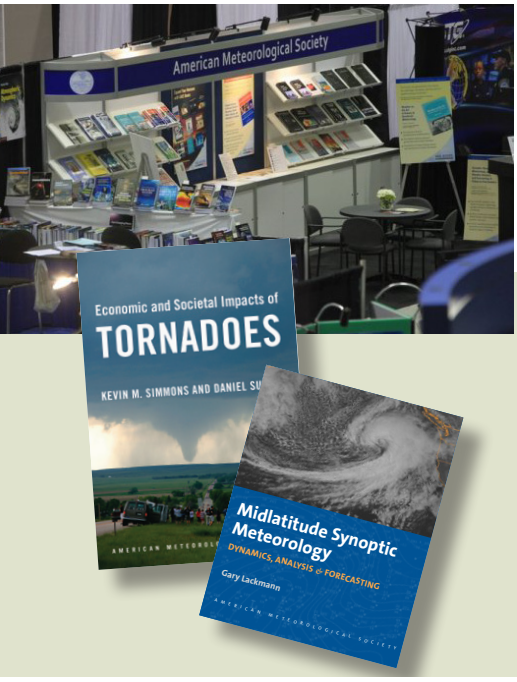
AAAS Headquarters, where the AMS DC offices are located starting in 2012.

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

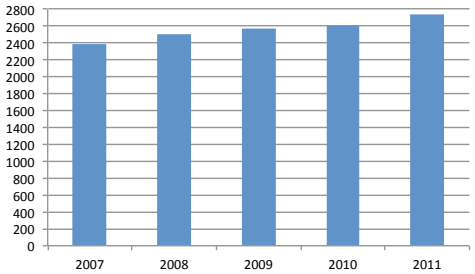
PUBLICATIONS

Publishing Journals, Books, and Monographs with Quality Reputations

Roughly 1670 accepted manuscripts were forwarded to the publications department by the journal field offices in 2011; this is up from the prior year and in line with the steady increase in manuscript submissions we have seen for many years. A total of 23,388 pages were published in the journals, and when combined with the 1,732 pages published in BAMS (#3 in Thompson Reuters ISI Impact Factor), the total number of published pages in the 2011 journals was 25,120.



Manuscript Submissions to AMS Journals



2011 HIGHLIGHTS

- It can safely be said that the data-loss disaster of July 2010 (inadvertently caused when AMS's servers were being replaced) is behind us, and that we are now a department with a more robust infrastructure and one that is more productive. The impact of that 2010 event continued to be felt in 2011, however, and showed up both in a reduction of about 10% in the number of published pages and also in an average production time of 164 days rather than meeting the goal of less than 150 days (though over one-third of all issues published in 2011 still met the 150-day production goal).
- The transition to the use of new software to manage the review and production of manuscripts from submission to publication has been completed and the new software is affording work-flow efficiency never before available to AMS Publications. That efficiency, along with the space now available because of the acquisition of 44 Beacon Street for Headquarters operations, is allowing the long-planned consolidation of field editorial support to move forward in earnest. The ultimate benefits — acceleration of the peer-review and production of manuscripts, not to mention cost savings — are already clearly evident.
- AMS continues to exert downward pressure on the pricing of printed color, reducing the fee from $150 per piece by 40% to $90 per piece as of May of 2011 for those paying their page charges in full. We will continue to look for opportunities to further reduce color costs.

AMS BOOKS

RESEARCH ◆ APPLICATIONS ◆ HISTORY

AMS Books became an eBook publisher in 2011, in addition to maintaining operations as usual, which includes two new books and the continuation of a successful partnership with the University of Chicago Press. *Economic and Societal Impacts of Tornadoes*, by economists Kevin M. Simmons and Daniel Sutter, was released at the annual meeting in Seattle. (The same authors have written a book studying the impacts of the 2011 tornado outbreaks to be released in spring 2012, *Deadly Season*, also published by AMS). The textbook *Midlatitude Synoptic Meteorology*, by Gary Lackmann, was released in December 2011, just in time for January 2012 adoption and promotion at the annual meeting in New Orleans. In addition to print copies, this textbook is available online as an eBook in its entirety or by chapter. Again this year, with help from our distributor the University of Chicago Press, unit sales have increased (from 2548 in 2010 to 2626 in 2011). Our new releases continue to be recognized by *CHOICE*, a journal of current reviews for academic librarians published by the Association of Library and Research Libraries. In the December 2011 issue, *Economic and Societal Impacts of Tornadoes* received the rating "Highly recommended." New books and monographs are entering the pipeline to be produced within the next few years, but we are actively seeking to acquire more titles to increase output in the coming years.

POLICY PROGRAM

Strengthening Connections between Public Policy and Earth System Science and Services

The AMS continues to work to strengthen the connection between public policy and Earth system science and services by building policy research and by creating opportunities for policymakers and scientists to engage and exchange perspectives to foster better-informed policy decisions.

AMS President Jon Malay and Kathryn Sullivan, assistant secretary of commerce for environmental observation and prediction, at a Hill briefing on space weather. Co-sponsored by the AMS Policy Program on 22 June 2011.

2011 HIGHLIGHTS

- In January, the Policy Program supported the Seattle Annual Meeting in many ways, including hosting the NWS International Workshop, hosting Colloquium alumni activities, and staffing the Sixth Symposium on Policy and Socioeconomic Research. The Policy Program also put on a very successful two day pre-conference with the National Communication Association on Integrating Communication, Weather and Climate: More Than Just "Talking about the Weather!"
- The AMS hosted its eleventh Summer Policy Colloquium from 5–14 June in Washington, DC. The American Geophysical Union partnered to put on a half-day communication session with experts from NASA and the Washington Post. Speakers at the Colloquium included the Deputy Staff Director of the Senate Budget Committee, an employee from the White House Office of Science and Technology Policy, and former Congressman Representative Robert Inglis.
- In November, the Policy Program hosted a workshop on Earth Observations, Science, and Services (OSS). This critical infrastructure impacts virtually all economic sectors and innumerable institutions to meet basic human needs such as food, shelter, health, and safety. The workshop described the importance of Earth OSS and identified opportunities to improve the effectiveness of the Earth OSS community.
- The AMS Policy Program continued its National Science Foundation–supported Capitol Hill Briefing Series. Topics covered in 2011 included: Weather, Climate, and Food; Climate Change and Water Resources; Geoengineering; and Space Weather.
- The AMS, in collaboration with UCAR, supported two Congressional Science Fellows in 2011. David Reidmiller concluded his tenure as the 2010–2011 AMS/UCAR Congressional Science Fellow working with Senator Mark Udall's office. David is now working at the State Department in a AAAS Executive Branch fellowship. Kim Mueller also began her fellowship. Kim is working with the Committee on Natural Resources in the House of Representatives.
- Policy Program staff continued grant-supported research on space weather, climate change, and visual risk communication. These research efforts feed the larger-scale collaborations of the Policy Program.

EDUCATION

Promoting the Teaching of Atmospheric, Oceanographic, and Hydrologic Sciences

2011 HIGHLIGHTS

- As of December 2011, the AMS K–12 Teacher professional development courses have trained almost 17,000 teachers who have earned three graduate credits for completing the course. The innovative distance-learning courses, workshops, and the educational materials that make them up have reached hundreds of thousands of other teachers and over three million students.
- The suite of DataStreme Atmosphere and Ocean teacher enhancement courses trained a total of 723 precollege educators via 97 Local Implementation Teams nationwide during the 2011 Fall and Spring Semesters. An additional 361 teachers were trained using DataStreme Earth's Climate System during the academic year. Twenty-five of the participants and local implementation team leaders attended a NSF sponsored special workshop at the AMS Annual Meeting in New Orleans to share best practices.
- Ongoing semester course evaluations and a recent self-study indicate that 98% of the DataStreme teacher participants feel the science content is very good while 96% feel the courses have enhanced their science teaching.
- The NOAA support for DataStreme Atmosphere and DataStreme Ocean courses was reduced in 2011 due to agency budget cuts. Entering the final year of this grant, we have completed a self-study of this program and NOAA completed an independent evaluation in anticipation of applying for a five-year renewal in the spring of 2012.

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

2011 AMS Education Resource Agent training in Green Bay using the Columbia University/ NASA Educational Global Climate Model led by Dr. Mark Chandler.

The Society's Education Program's Focus on Diversity

The National Science Foundation (NSF - OEDG) has awarded the AMS Education Program over $1 million to implement the AMS Climate Studies course at 100 minority-serving institutions (MSIs) over a four-year period. This grant will focus on introducing and enhancing geoscience coursework at MSIs nationwide, especially those that are signatories to the American College & University Presidents' Climate Commitment (ACUPCC) and/or members of the Louis Stokes Alliances for Minority Participation. AMS is partnering with Second Nature, the nonprofit organization administering the ACUPCC, which is a national network of more than 670 colleges and universities committed to eliminating net greenhouse gas emissions from campus operations and promoting the education and research needed for the rest of society to do the same.

The AMS Education Program is also CO-PI on a planning grant awarded by NSF OEDG to The Consortium for Ocean Leadership/Integrated Ocean Drilling Program's (IODP) Deep Earth Academy (DEA). IODP and AMS, in collaboration with James Madison University and Los Angeles Valley College, will use the grant to plan a series of workshops for the much larger Track 2 Proposal which will help faculty at MSIs integrate investigations of ocean core data and paleoclimate information into course curricula. The proposed project promotes sustainability and expansion of three major NSF-supported programs (including the AMS Diversity Programs past and the current OEDG Climate Diversity grant) that will ultimately increase scientific research experiences for MSI faculty and students, strengthening the pathway toward advanced geoscience study and careers.

EDUCATION *(continued)*

Promoting the Teaching of Atmospheric, Oceanographic, and Hydrologic Sciences

- NASA continues to provide grant funding for DataStreme Earth's Climate System which will support the offering of the free graduate-level course to teachers for an additional three semesters.
- The AMS Project Atmosphere and the AMS Maury Project programs train teachers for leadership roles within their schools, school districts, and states. Trained teachers offer workshops to peers and provide the expertise and leadership needed to deliver the AMS DataStreme courses. Nineteen teachers completed Project Atmosphere and 25 completed the Maury Project in 2011. Project Atmosphere has been supported by NSF, NOAA, and AMS and is hosted by NOAA's National Weather Service at the Training Center in Kansas City. The Maury Project is supported by the United States Navy and is hosted by the U.S. Naval Academy in Annapolis.
- AMS Weather Studies, Ocean Studies, and Climate Studies course packages continue to be marketed to undergraduate institutions. There have been almost 700 institutional licenses issued to date for the three courses. Active marketing of these exciting learning packages occurs at major professional conferences for educators throughout the year. The course materials featuring real-time, real-world data are most often used at community colleges, small liberal arts colleges, and universities and these materials may be the leading curriculum for these disciplines within online programs. The weather and ocean courses have been adopted by the U.S. Navy for the professional development of sailors around the world.

Jim Brey, Education Program Director, discusses the geology and shoreline changes of Green Bay and Lake Michigan during the Ice Ages for AERAs.

Joe Moran, AMS Education Program, describes the impact on Wisconsin's development of the Peshtigo fire of October 8, 1871 that created a firestorm ("tornado"). It is little known because of the famous simultaneous Chicago fire.

- The AMS Education Resource Associates (AERA) program Summer Training 2011 was held in June for over 50 AERAs and DataStreme Local Implementation Team leaders at the University of Wisconsin Green Bay, in partnership with the NOAA NWSFO in Green Bay. The summer training is designed to bring our teacher leadership corps up to speed with the latest science. A special focus on the 2011 training was climate modeling.

MEMBERSHIP
Delivering Value to Our Members

2011 HIGHLIGHTS

- Last year, the Society received 1,517 new member applications. The total number of members at year's end was 13,672; a slight decline compared to the last couple of years.
- Over one-third (593) of the applications received were for full Member status. The total number of full Members at the end of 2011 was just over 9,800 (includes Members, Members with Student Privileges, Fellows, and Honorary Members).
- In 2011 the AMS received 773 applications from students and ended 2011 with a total of 2,407 Student Members.
- Members continue to take advantage of the online services AMS has to offer. More than 50% of members renewed their 2011 membership online and 18% of members chose to read Digital *BAMS* versus the print copy.

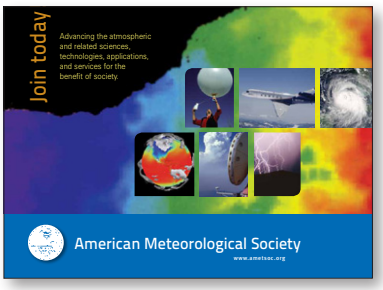
Membership
(as of December 31, 2011)

Honorary Members	33
Fellows	627
Members	8,906
Members with Student Privileges	240
Associate Members, Voting	34
Associate Members, Nonvoting	994
Associate Members, Precollege Students	142
Associate Members, K–12 Teacher	100
Student Members	2,421
Corporation Members *(Includes 9 Sustaining; 75 Regular; 12 Small Business, and 79 Publications)*	175
TOTAL	**13,672**

OTHER ACTIVITIES IN 2011

The AMS Membership Committee was very active in 2011, meeting monthly to discuss ways in which AMS could better serve national members, chapter members, and others in the weather and climate enterprise. Committee initiatives during 2011 include:

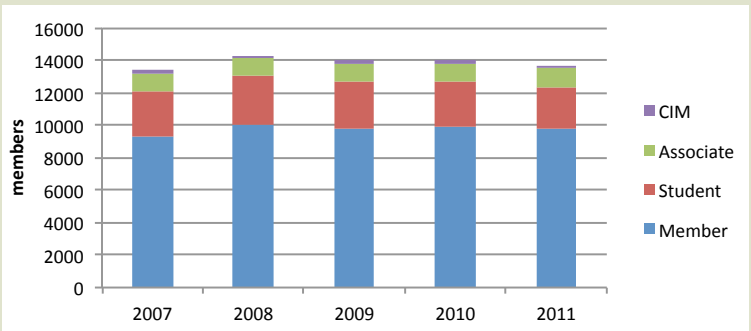
- **Networking reception for Students and Young Professionals.** The first of these annual events took place at the 91st Annual Meeting in Seattle, and was attended by over 400 students and early career professionals looking for an opportunity to meet and network with others beginning their careers. As part of the marketing efforts for this event, an AMS Facebook page specifically for Young Professionals was created.
- **AMS Ambassador Program.** The 91st Annual Meeting served as the location for the pilot effort of the AMS Beacons initiative. Beacons are charged with helping to create a welcoming atmosphere at the annual meeting for all attendees, and especially to assist first-time attendees wherever possible.
- **Member and nonmember surveys.** During 2011, members, former members, nonmember meeting attendees and journal authors, and member and nonmember broadcast meteorologists were surveyed as to how AMS might better meet their needs. The membership committee will use the results of these surveys to better focus its attention in the coming year.



Cover of the new AMS membership brochure

- **Membership brochure.** The membership brochure, one of AMS's primary marketing pieces, has been updated to include excerpts from the value proposition the committee completed in 2010.
- **AMS News You Can Use.** A new membership benefit added in 2011 is a weekly e-mail newsletter with links to a sampling of news stories in media outlets, showing how meteorology and related sciences are being covered in the media.

Membership 5-Year Comparison



MEETINGS

Enhancing the Exchange of Scientific and Technological Knowledge

It was a great year for meetings in 2011. The year was off to a great start with the Seattle Meeting having strong numbers for both abstracts and attendance. Our specialty meetings also did well over the year as well and most came in at or better than the projected budget.

Our Scientific and Technological Activities Commission (STAC) Commissioner has been busy working on the addition of three new STAC Boards: the Board on Environment and Health; the Board on Data Stewardship; and the Board on Environmental Information Processing Technologies (formally IIPS). With these additions the AMS STAC Commission has 30 committees and six boards.

The meetings staff is still working on securing venues for the 2024, 2028, and 2032 Annual Meetings, but otherwise the annual meeting schedule has been filled out through 2031. We are taking advantage of the slow recovery of the economy to negotiate low rates for both the convention center and sleeping rooms. Our goal is to sign with an East Coast city since we have recently signed with Houston, New Orleans, and Boulder for 2021 and beyond.

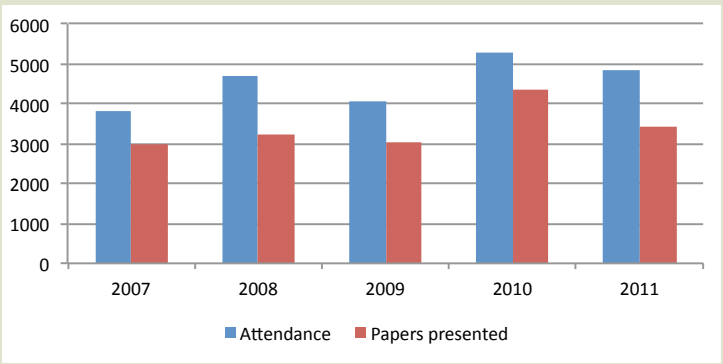
WeatherFest at the 2011 AMS Annual Meeting in Seattle.

2011 HIGHLIGHTS

- The Society hosted 12 meetings in 8 cities.
- A total of 4,965 people attended AMS conferences and symposia in 2011; compared to 5,366 the previous year. This reflects the normal even–odd cycle with fewer specialty meetings in odd years.
- A total of 3,487 presentations were given, compared to a total of 4,233 papers presented in 2010.
- A total of 516 students attended the Student Conference at the Seattle Annual Meeting.
- More than 110 organizations exhibited at our meetings during 2011 compared to 100 during 2010.
- Thirteen organizations helped sponsor AMS meeting activities.

Presidential Forum at the 2011 AMS Annual Meeting in Seattle.

AMS Meeting Attendance and Papers Presented



AMS CERTIFICATION PROGRAMS

Recognizing Competence and Fostering Professionalism

The AMS Board of Broadcast Meteorologists organized the 39th Conference on Broadcast Meteorology, which was held jointly with the Conference on Weather Warnings and Communication on 22–24 June 2011 in Oklahoma City, Oklahoma. The conference took advantage of the wide range of meteorological expertise focused in the Oklahoma City area including the University of Oklahoma, the National Weather Center, the Storm Prediction Center, National Severe Storms Laboratory, and the Oklahoma Mesonet. Highlights from the conference included a one-day short course on Real World Use of Dual Polarization Radar and its Application for Use in the Media and a tour of the Storm Prediction Center. With 14 exhibiting organizations and 226 attendees, the conference was once again a success.

In addition to their work on the conference, the Board also helped launch a new Broadcast Meteorology page on the AMS Web site. In an effort to better serve the broadcast meteorology community, the Web page is dedicated to resources that broadcast meteorologists may find useful — including information on the Station Scientist initiative, certification programs, professional development, upcoming meetings/conferences, and links to many other items of interest. The site may be accessed through the Station Scientist page, the AMS Certification Programs page, and the drop-down menu from the AMS home page. With social media becoming more popular every year, the Board also began working on a Facebook page exclusively for AMS Certified Broadcast Meteorologists (CBMs) and Sealholders.

The AMS Committee on the Station Scientist (CSS), an ad hoc committee of the Board of Broadcast Meteorologists, is charged with encouraging and enabling broadcast meteorologists to add more science and environmental information to their broadcasts and to raise the scientific literacy of viewers. Once again this year, the CSS programmed a special session at the AMS Conference on Broadcast Meteorology in Oklahoma City.

The Henry T. Harrison Award for Outstanding Contributions by a Consulting Meteorologist was established in 2011 by the Board of Certified Consulting Meteorologist (BCCM) to recognize a consulting meteorologist for outstanding contributions to the profession, clients, and society. Nominations will be accepted for this new award starting in 2012.

Henry T. Harrison, the first CCM of the AMS.

The BCCM also continued its efforts to market the CCM Program by completing an oral presentation on the program at the AMS Broadcast Meteorology Conference in June, submitting an abstract on the program to the National Weather Association's Annual Meeting, collaborating with the Board of Private Sector Meteorologists on a Webinar for students about the CCM Program, which was held in October, and having a manned table at the Student Conference and Career Fair at the AMS Annual Meeting. In addition, the Board organized the CCM Forum at the AMS Annual Meeting.

2011 HIGHLIGHTS

- There were 38 broadcast meteorologists who earned the CBM Certificate, bringing the total number of active CBMs to 492.
- Ten AMS members earned the Certified Consulting Meteorologist designation, bringing the total number of active CCMs to 309.

Photos from the Broadcast Conference field trip to the National Severe Storms Laboratory in Norman, Oklahoma.

OUTREACH

Creating a More Scientifically Literate Population

2011 HIGHLIGHTS

- The WeatherFest event at the 91st Annual Meeting in Seattle was a terrific success, with over 3,500 attendees, mostly families from the area who took advantage of the many hands-on activities that were fun for all ages.
- The 91st Annual Meeting was unique for an AMS meeting with the inclusion of an art show that featured artwork created through collaborations between artists and scientists. The show debuted during the meeting, but was left in place in the publicly accessible areas of the convention center for several months following the meeting.
- The AMS was a sponsor of the 62nd International Science and Engineering Fair, supplying awards ranging from from $500 to $2,000 to recognize outstanding student projects in the atmospheric and related sciences. In addition, the AMS provided certificates of outstanding achievement to students for their science fair projects in local science fairs in 34 states and five other countries.
- The AMS website added a number of new resources for students at all grade levels.

Special pieces of art produced through a collaboration between atmospheric scientists and artists and displayed at the 2011 AMS Annual Meeting in Seattle

New Statements

The Society adopted one new statement in 2011:

- **Green Meetings** (Professional Guidance Statement)

All AMS statements in force are available on the AMS Web site at www.ametsoc.org/policy.

AMS Local Chapters

In 2011, the Local Chapter Affairs Committee (LCAC) in conjunction with the AMS Membership Committee established a Local Chapter Affairs Newsletter to help better connect local chapters to one another as well as to the national AMS. The digital newsletter is published quarterly and contains chapter information as well as news from AMS Headquarters. Each issue features an AMS local chapter. The LCAC also established a Local Chapter Members Facebook page to help broaden the communication between the Society and its local chapters and a wiki page with sections on fundraising, mentoring, public outreach, and technology, to help provide assistance to all local chapters—to those just getting started as well as for those chapters who have been active for an extended period of time.

The following chapter was authorized in 2011, bringing the total number of active chapters to 128.

- **Everett High School Pre-College, Everett, MA**

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 be implemented without external funding.

Corporate Partners

In 2011, Lockheed Martin and ITT Exelis renewed their support as AMS Corporate Patrons..

LOCKHEED MARTIN

ITT EXELIS

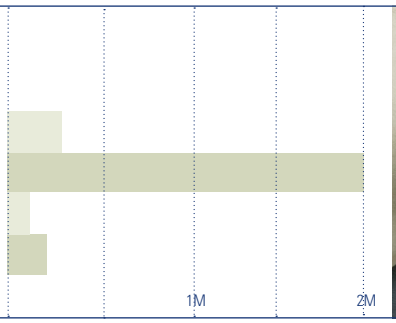
2011 HIGHLIGHTS

- The fellowship and scholarship program celebrated its 21st year which, since its inception, has awarded $8.8 million to over 950 outstanding, young students thanks to the generous support of AMS members, corporations, and government agencies. For 2011, AMS awarded 11 fellowships and 42 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 Seattle and several specialty conferences held throughout the year.
- The 10th Annual AMS Student Conference, supported almost solely with member donations, attracted over 500 students. The two-day conference focused on areas surrounding the theme, "Communicating Weather and Climate — The Role of a Young Scientist" and provided students with valuable graduate school and career information, including a networking reception that featured over 60 exhibitors representing a wide array of future career paths.
- More than 30 corporations contributed over half a million dollars to support meeting sponsorships, student programs, and Policy Program activities.

Extramural support in 2011

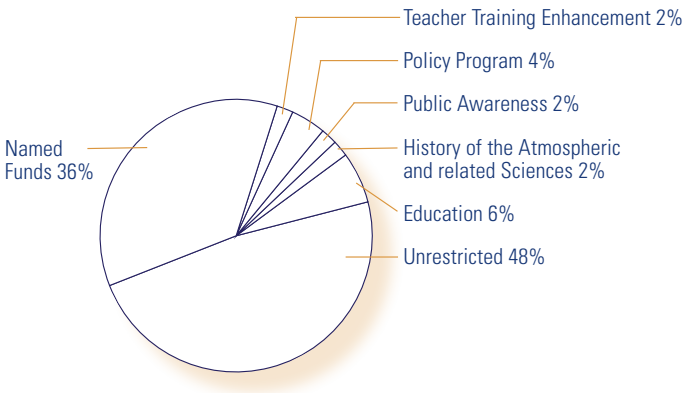
(Rounded to the nearest thousand)

Individual Contributions	$250,000
Grants	$2,000,000
Sponsorships	$117,000
Corporate Patron Support	$200,000

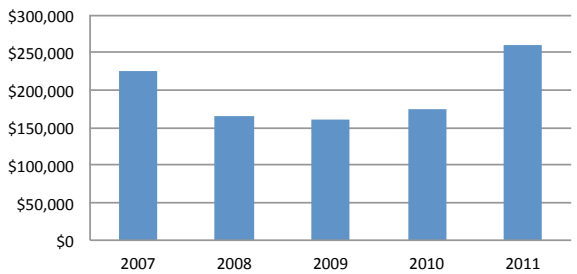


Scholarship and Fellowship recipients and representatives from sponsoring organizations.

Giving by Fund in 2011



Member Donations



FINANCES

Managing Resources for Optimum Growth

Significantly fluctuating economic conditions made it a difficult year for some of the Society's major programs. While our Journals and Meetings activities did very well, advertising revenues, book sales, education textbook sales and licensing, and Policy Program sponsorships and grant funding activity fell below our budgeted expectations. Overall, we still were able to do better than our budgeted projection. Given the economic picture nationwide, we were pleased to once again provide for an increase in our unrestricted net assets. The Society's audited financial statements are published in the August 2012 issue of *BAMS*.

2011 HIGHLIGHTS

- Journal subscriptions came in on budget while page charge revenue was somewhat above budget. The slightly higher income, combined with lower-than-budgeted composition and print expenses, resulted in the publications of the Society performing better than budget.
- Another successful Annual Meeting led the way to an outstanding year for our Meetings program, both financially and programmatically. The Seattle meeting set a new attendance record, and the specialty meetings throughout the year also had good attendance. There was a healthy increase in our exhibit program activity, and our meeting sponsorship revenues showed a nice improvement over the prior year.
- The drop in our membership numbers (a loss of almost 200 members) resulted in lower dues income than had been budgeted.
- All of the AMS Education Program's individual projects continue to operate successfully. We have had to absorb government cuts to some of our programs, but we continue to pursue other grant sources in order to extend and enhance our educational activities. Grant revenue exceeded $1 million and our licensing and textbook sales were approximately $1.3 million.
- While 2011 was another fantastic year programmatically for the AMS Policy Program, the program fell about 10% short of breaking even financially as revenue sources were not completely sufficient to cover program expenses for the year.
- Contributions to the AMS 21st Century Campaign approached $250,000. This total was quite a bit higher than usual and can be partially attributed to two significant donations (Orville Family Endowed Scholarship and the Naval Weather Services Association). Fellowship and scholarship activity remains strong. In addition to individual member contributions, over 40 corporations contributed more than $500,000 in support of fellowships, scholarships, and student travel.
- The weak economy was evident in the Society's investment portfolio, and returns, while positive ($52,000), were down significantly from 2010.

Members In Memoriam 2011

With deep regret we list below the members of the Society who died in 2011:

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M. I. Budyko
Daewon Byun
Moustafa Chahine
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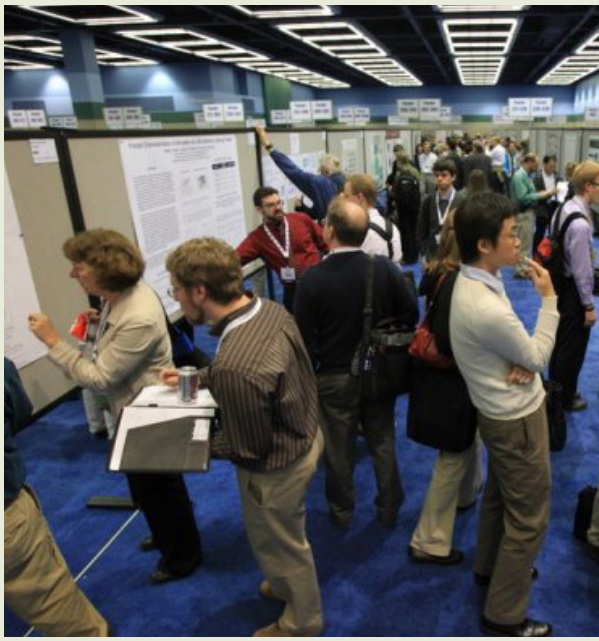

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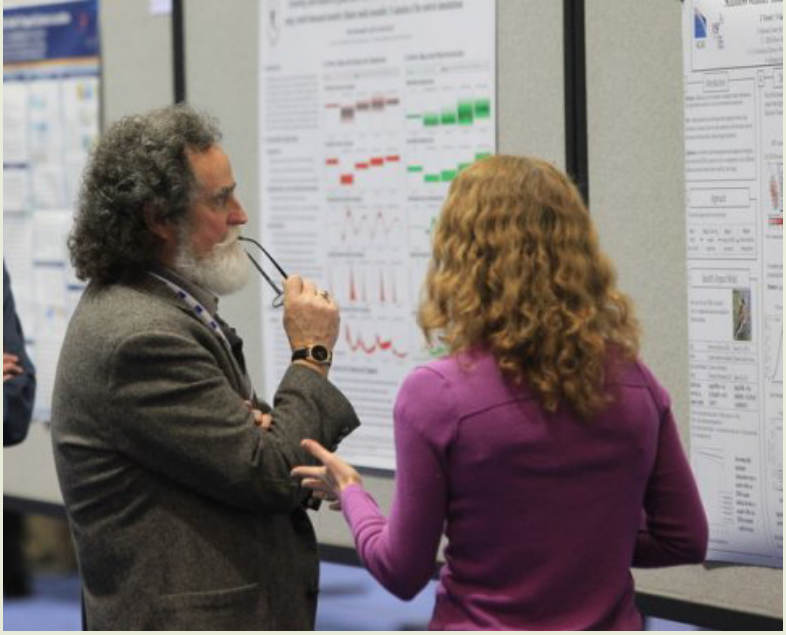

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The AMS Constitution and Bylaws is a multipage PDF document that is easily accessed on the AMS Web site. Please click on www.ametsoc.org/aboutams/organizationpdfs/constitution.pdf to view the entire document.

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 such a manner as to 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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   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.
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   - 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.