

# American Meteorological Society

**Dr. Keith L. Seitter**  
**Executive Director**

**2010**

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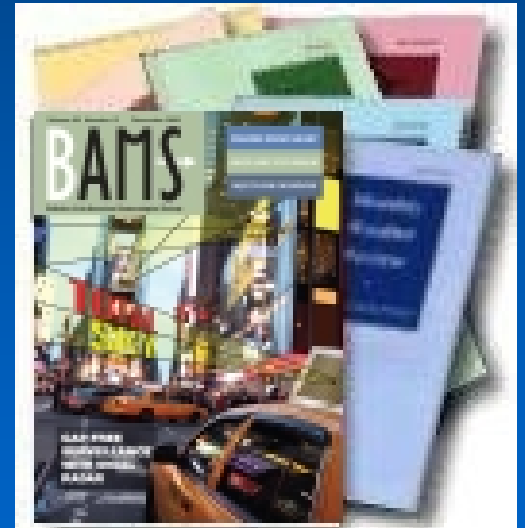


# The American Meteorological Society

## *Mission:*

**To advance the atmospheric and related sciences, technologies, applications, and services for the benefit of society.**

- Founded in 1919
- Approximately 14,000 members
- Publishes ten leading journals
- Organizes over a dozen conferences annually
- Certifies consultants and broadcasters
- Has many student and educational programs



# AMS Journals

*Journal of the Atmospheric Sciences*

*Journal of Applied Meteorology and Climatology*

*Journal of Physical Oceanography*

*Monthly Weather Review*

*Journals of Atmospheric and Oceanic Technology*

*Journal of Climate*

*Weather and Forecasting*

*Journal of Hydrometeorology*

*Earth Interactions*

*Weather, Climate, and Society*



Over 27,000 pages published annually. (AMS also publishes one or two books each year.)

# Meetings

Annual Meeting

Specialty Conferences

Co-sponsored Meetings and Workshops

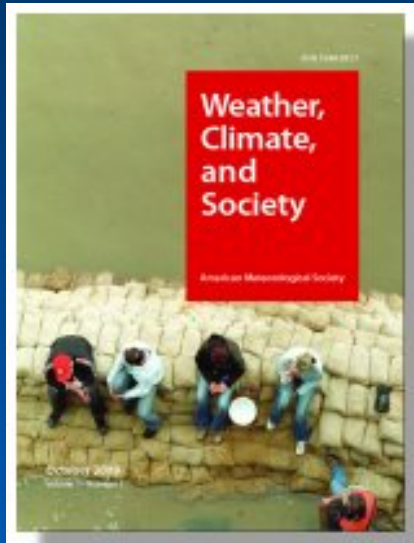
Short Courses



The Annual Meeting (usually in January) encompasses over a dozen conferences and symposia and there are another six to ten specialty meetings that occur during the year, serving a total of about 4000 attendees annually. Exhibits by 100+ companies is a major component of the annual meeting, with some other meetings also having exhibits.



# *Weather, Climate, and Society*



First issue: October 2009

Editor in Chief:

Roberta Balstad

Center for International Earth Science  
Information Network (CIESIN)  
Columbia University

*Weather, Climate, and, Society* is the newest journal of the AMS. It is interdisciplinary, international, scholarly journal covering environmental policy and societal impacts.

It includes research articles, essays, and forum pieces.



# AMS Policy Program (APP)

Mission: 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.



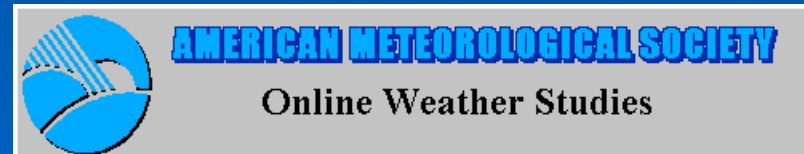
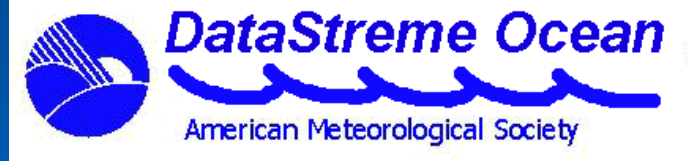
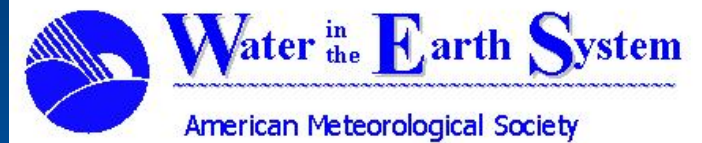
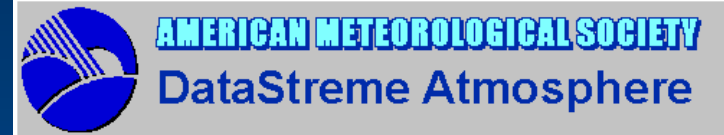
## Five Strategic Goals:

- Prepare scientists to contribute effectively to the policy process
- Keep policymakers abreast of scientific advances and their relevance
- Foster meaningful collaborations between scientists and policymakers
- Develop the needed policy research
- Share our vision and results

# K–13 Education Program

The AMS Education Program operates out of the Washington DC office of the AMS, in areas of teacher enhancement and online courses at the undergraduate level.

- Project ATMOSPHERE
- The Maury Project
- Datastreme Atmosphere
- Datastreme WES
- Datastreme Ocean
- Online Weather Studies
- Online Ocean Studies
- Datastreme Earth's Climate System



# K–13 Education Program

The impact of AMS teacher enhancement programs:

- ~**15,000** teachers completed graduate-level course
- > **135,000** teachers received content through peer training
- > **2,700,000** students directly impacted during the semester of the teacher training (total impact much larger)

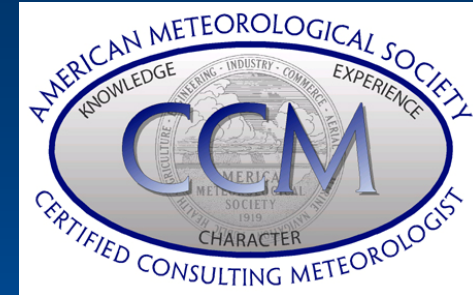
Teacher courses and online courses on climate are latest additions, with pilot courses offered now, with full implementation scheduled for fall 2010.





# Certification Programs

- The Certified Consulting Meteorologist (CCM) program
  - About 350 active
- The Radio and Television Seal of Approval Program
  - About 1000 active
- The Certified Broadcast Meteorologist Program (CBM, began January 2005)
  - About 400 so far



The AMS Web site contains full descriptions for each of these programs.

# Local AMS Chapters

- The AMS has over 100 local and student chapters across the U.S.
- These operate as autonomous organizations serving local professionals and enthusiasts.
- The Chapters carry out many important outreach activities at the local level.

