

**17th Conference on Satellite Meteorology and Oceanography  
27–30 September 2010, Annapolis, Maryland**



The 17th Conference on Satellite Meteorology and Oceanography, sponsored by the American Meteorological Society, and organized by the AMS Committee on Satellite Meteorology and Oceanography, will be held 27–30 September 2010. We are excited to join with the 17th Conference on Air-Sea Interaction and the Ninth Conference on Coastal Atmospheric and Oceanic Prediction and Processes in offering a stimulating triple program highlighting the synergisms between these three areas of research. Preliminary programs, registration, hotel, and general information will be posted on the AMS Web site (<http://www.ametsoc.org/MEET/meetinfo.html>) around June 7, 2010.

Papers for this conference are solicited on all aspects of satellite meteorology and oceanography. Session topics will depend on abstracts received and may include:

- Satellite retrievals of atmospheric and ocean/land-surface environmental parameters and the synergy of multi-sensor, multi-platform satellite observations (e.g., A-Train)
- Long-term satellite data records in the study of climate, climate processes, and coupled earth system interactions
- Role of satellite observations in the assessment of multi-scale impacts of global climate change
- Operationally-relevant environmental applications, decision support systems, and the feedback and transition/development between research and operations
- Satellite data assimilation: Tools and techniques for model initialization, forecast/analysis uncertainty assessment, and information content assessment
- Tools and methods for satellite-based model evaluation and model parameterization improvements
- New and future satellite observing systems (e.g., NPP/NPOESS, GPM, ESA GMES/Sentinels, CloudSat/ CALIPSO/ EarthCARE, GOES-R, MTG, Decadal Survey Missions, etc.) technology, applications, community readiness, and the expanding role of internationally-coordinated satellite constellations
- Radio frequency interference analysis and mitigation strategies

Joint sessions with the 17th Conference on Air-Sea Interaction and the Ninth Conference on Coastal Atmospheric and Oceanic Prediction and Processes will be highlighted, and interdisciplinary topics are highly encouraged, these may include: Regional examples of wind and SST interaction; Satellite analysis of coastal and global ocean current dynamics; Integration of coastal and global ocean *in situ* observations with satellite data; Assessing the quality of satellite retrievals of coastal parameters; Ocean bio-optical observations and requirements for coastal and global oceans; Use of satellite data in weather and climate predictions over the oceans (including data

assimilation and model skill assessment); Applications of active microwave systems (e.g., altimeter, scatterometer, synthetic aperture radar, etc.); and Satellite derived air-sea heat and gas fluxes.

Please submit your short abstract electronically to the AMS web site (<http://ams.confex.com/ams/>) by **3 May 2010**. The \$90 abstract fee (payable by credit card or purchase order at the time of submission) will include the submission of your abstract, the posting of your extended abstract, and the uploading and recording of your presentation that will be archived on the AMS Web site.

Authors of accepted abstracts will be notified (via email) around 8 June 2010. All extended abstracts are to be submitted electronically by **22 September 2010** and will be available on-line via the AMS web site mentioned above. Instructions for formatting will be posted on the AMS web site. All abstracts, extended abstracts and presentations will be available on the AMS web site at no cost to members or non-members.

For additional information please contact the program co-chairpersons: Steven Miller, Cooperative Institute for Research in the Atmosphere (CIRA), Colorado State University, Fort Collins, CO (Tel: 970-491-8037; e-mail: [miller@cira.colostate.edu](mailto:miller@cira.colostate.edu)) or Deborah Smith, Remote Sensing Systems, 438 First St, Suite 200, Santa Rosa, CA; (Tel: 707-545-2904 x11; email: [smith@remss.com](mailto:smith@remss.com)) (09/09)