

Air-Sea Interaction 2006 Annual Report

The STAC Air-Sea Interaction (ASI) committee has been involved in a number of conference activities and administrative projects over the past year. In terms of conference activity, the ASI committee held its latest specialty conference, the 14th Conference on Interaction of the Sea and Atmosphere. Several committee members have been planning for the next specialty conference. Other members and past members have been participating in the planning of two other conferences in which the committee will be associated. As for administrative projects, one committee member has served on an AMS Statement writing team, the committee implemented an AMS-hosted web site, one outgoing committee member was replaced, and the committee successfully petitioned the AMS to change its specialty conference name from “Interaction of the Sea and Atmosphere” to “Air-Sea Interaction.” Details follow.

Conference Activities

The 14th Conference on Interaction of the Sea and Atmosphere was held in conjunction with the 86th AMS Annual Meeting, 29 Jan–2 Feb. 2006, in Atlanta, Georgia. Former ASI committee member, Niklas Schneider, and current ASI committee chairman, Todd Sikora, co-chaired the conference. The final program listing for the conference can be found at http://ams.confex.com/ams/Annual2006/techprogram/programexpanded_311.htm. Each student presenting at the conference received a copy of the AMS Glossary of Meteorology. The best student oral and poster presentations were:

Stephen D. Nicholls, Pennsylvania State University, University Park, PA.
Oral Session 4, Paper 2, 'Tropical Dendritic Cumulus: An Observational Analysis'

James A. Mueller, Univ. of Delaware, Newark, DE. Poster Session 4,
Paper 3, 'A Lagrangian Turbulent Transport Model of Evolving Sea-Spray Droplets over Water Waves'

Nicholls and Mueller each received \$100.

Over the past year, three ASI committee members (Ed Andreas, Ralph Foster, and Dan Vimont) have been planning the 15th Conference on Air-Sea Interaction. A call for papers has been published. It and other conference details can be found at <http://www.ametsoc.org/meet/fainst/200715isa14m.html>. The conference will be held 20–24 August 2007 in Portland, Oregon, in conjunction with the 14th Conference on the Middle Atmosphere. Abstracts are being solicited on all aspects of air-sea interaction, across the full spectrum of time and space scales—from microscale processes governing turbulent air-sea fluxes to climate and its variability. The ASI committee hopes to hold at least one joint session with the 14th Conference on the Middle Atmosphere.

In addition to the specialty conferences described above, the ASI committee has been involved in planning a joint session at the 19th Conference on Climate Variability and

Change. That conference will be held 14-18 January 2007 as part of the 87th AMS Annual Meeting in San Antonio, Texas. Axel Timmermann has been the ASI committee representative in organizing the joint session. ASI committee member Lisan Yu has agreed to chair the joint session. The technical program for the joint session can be found at http://ams.confex.com/ams/87ANNUAL/techprogram/session_19802.htm.

Finally, the ASI committee will be participating in the Canadian Meteorological and Oceanographic Society-Canadian Geophysical Union-AMS Congress 2007. Other AMS STAC participants include the Polar and Climate Variability and Change committees. That conference will be held 28 May-1 June 2007 in St. John's, Newfoundland, Canada. The web site for that conference can be found at <http://www.cmos2007.ca/en/index.htm>. Mike Alexander, the past ASI committee chairman, serves on the conference program committee. The conference will have over 40 sessions, including one proposed by the ASI committee concerning the influence of sea ice anomalies on the atmosphere and ocean circulation. A call for papers will be issued by AMS in the near future.

Committee Business

ASI committee member Will Perrie served on the AMS Hurricane Research and Forecasting Statement writing team. That statement is currently under review by the AMS council.

Mike Alexander developed an ASI committee web site during the latter stage of his tenure. That website is now being maintained by Todd Sikora and is hosted by the AMS at <http://www.ametsoc.org/stacpges/seaatmos/>. The web site has a number of features, including the ASI committee's purpose and goals, meeting minutes, award recipients, past members, previous and upcoming conferences and short courses, and pertinent web links.

The term of ASI committee member Oscar Alves expires at the end of 2006. The committee solicited Dr. Gerald (Jerry) Meehl to replace Oscar Alves and serve a 3-year term. Jerry Meehl accepted the invitation, and his membership was subsequently approved by the AMS.

The ASI committee petitioned AMS to change the name of its specialty conference from "Interaction of the Sea and Atmosphere" to "Air-Sea Interaction." The AMS approved the name change in August of 2006.

Short contribution:

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