

Annual Report December 2005

The Air-Sea Interaction (ASI) Committee was involved in a number of activities over the past year, including planning for our next conference, which will be held at the 2006 annual meeting, and developing a web page.

Over the past year we planned the 14th Interaction of the Sea and Atmosphere conference that will be held at the 86th Annual Meeting in January-February 2006 in Atlanta. Niklas Schneider and Todd Sikora will co-chair the conference. Abstracts were solicited on all aspects of air-sea interaction from microscale processes governing turbulent air-sea fluxes to climate and its fluctuations on decadal time scales. Sessions are scheduled for coupled ocean-atmosphere basin scale variability; VAMOS ocean-cloud-land-atmosphere studies (VOCALS); regional air-sea interaction; applications of real and synthetic aperture radar (joint with Satellite Meteorology and Oceanography); the role of ocean-atmosphere interaction in tropical climate; in situ and satellite-based measurements of air-sea fluxes; air-sea exchange of trace gases (joint with Atmospheric Chemistry and the AMS Forum on Managing Natural Resources); air-sea interaction in tropical cyclones and intraseasonal oscillations. The meeting was well subscribed: 72 (80) people have listed the 14th ISA conference as their first (second) choice at the annual meeting. In addition, we will have a full program with 88 (63) oral (poster) presentations of which 27 will be given by students.

We have developed a test version of an ISA web site that we plan to make operational shortly. The website, has a number of features including a list our present and past members, mission statement, past and upcoming conferences and links to other web sites.

We petitioned AMS to change our name from "The Interaction of the Sea and Atmosphere" to "The Air-Sea Interaction" Committee and AMS accepted the name change in January of 2005. We feel the latter is more commonly used throughout the AMS community.

Ed Andreas, Axel Timmerman, and Dan Vimont joined the ASI committee in February of 2005. There will be a large turnover in the committee next year as five members, including the chair, will be retiring from the committee in February of 2006. The committee reached a consensus and recommends that Todd Sikora replace Michael Alexander as the new chair. We also recommend that Simon de Szoeke, Ralph Foster, Fei-Fei Jin, William Perrie and Lisan Yu join the committee to replace outgoing members Michael Alexander, Mark Bourassa, Niklas Schneider, Yolande Serra, and Renhe Zhang.

Short contribution:

Over the past year the Air-Sea Interaction committee was involved in several activities, including planning for our next meeting and developing a web page. Our next (14th) conference will be held at the annual meeting in 2006. A wide number of specialty sessions are planned and we will have a full program with 88 (63) oral (poster)

presentations of which 27 will be given by students. We have developed a website that should be operational by January 2006. AMS has approved our petition to change our name to "The Air-Sea Interaction Committee". Finally, we have planned for the large turnover in committee membership in February of 2006, by identifying five new members to replace those who are leaving and by reaching a consensus that Todd Sikora should serve as the new chair.