

**AMS Scientific and Technological Activities Commission
Interim Report for the Executive Committee
Ward Seguin, Commissioner
June 21, 2013**

The following is a report of STAC activities for January-June 2013.

STAC Commissioner Structure

STAC was restructured in 2012 to create two new positions, an in-coming Commissioner and a past-Commissioner. Mary Cairns became the past-Commissioner in January and a search is underway for the in-coming Commissioner. Mary has been very helpful by working with the Commissioner on a wide range of tasks dealing with awards to updating of Statements. Her corporate memory has been invaluable. She has also actively substituted for the Commissioner when necessary.

Membership renewal/nominations

STAC's membership renewal/nomination process officially begins in July. The goal is to complete this process by the end of September. STAC will continue to emphasize the inclusion of students on Boards and Committees. In April, the Boards and Committees were asked to review their membership listings posted on the STAC web pages and to provide updates and corrections to the AMS staff, which many have done.

STAC Web Pages

Several structural changes were made last year to the STAC web pages. Since that time, a number of smaller changes have been made to update the information posted.

STAC and Society Awards

All STAC award selections were completed by May 31. The Commissioner participated in all AOC conference calls reviewing AOC awards, other Society awards, and proposed procedure changes.

Report on Meeting Funding

To date, the following conferences have requested funding for their conference. With the exceptions noted, all conferences occur during the week of the Annual Meeting.

17th Conference on the Middle Atmosphere (17-21 June 2013)
26th Weather Analysis and Forecasting / 22nd Conference on Numerical Weather Prediction
18th Conference on Integrated Observing and Assimilation Systems for Atmosphere, Oceans and Land Surface (IOAS-AOLS)
12th Conference on Artificial and Computational Intelligence and its Applications to the Environmental
16th Conference on Atmospheric Chemistry
Don Johnson Symposium
Symposium on the Coastal Environment
The 6th Symposium on Aerosol-Cloud-Climate Interactions
15th Conference on Mesoscale Processes (5-8 August 2013)
26th Symposium on Climate Change and Variability
23rd Symposium on Education
10th Annual Symposium on New Generation Operational Environmental Satellite Systems
19th Conference on Atmospheric and Oceanic Fluid Dynamics

Conference Alignments

Six conferences which typically hold their meetings the week of the Annual Meeting have not been aligned with any STAC Board or Committee. To address this:

- 1) The Symposium on New Generation Operational Environmental Satellite Systems is now part of the Committee on Satellite Meteorology, Oceanography, and Climatology;
- 2) The Major Weather Events and Impacts Conference and the Symposium on Building a Weather-Ready Nation are now part of the Board on Societal Impacts; and
- 3) The Symposium on Advances in Modeling and Analysis Using Python is now part of the Board on Environmental Information Processing Technologies.

No decisions have been made for the placement of the Conference on Integrated Observing and Assimilation Systems for Atmosphere, Oceans, and Land Surface and the Conference on Transition of Research to Operations. These await future possible Annual Meeting or STAC structural changes.

Statements in Progress

Status of STAC-related statements in progress:

- Drought: the Committee has requested of the Council additional time to complete the final draft. The requested a 60 day extension (August 22, 2013).

- Lightning Preparedness: William Roeder has been requested to identify team members for the drafting team.
- Free and Open Exchange of Environmental Data: A writing team has been meeting to develop responses to the Council member comments. Approval of a new deadline (August 3) is awaiting Council approval.
- Prediction and Mitigation of Flash Floods: A précis was approved but a writing team never formed. The new Hydrology Committee chair has offered to identify a writing team to restart the process.
- Tornado Preparedness and Safety: A précis has been completed,, a drafting team has been identified. The team is currently working on the update due November 13, 2013.
- Mobile Homes and Severe Windstorms: A précis was completed A decision has been made to stand down on this statement, at least until the Tornado Preparedness and Safety statement is completed and approved.
- Space Weather: The chair is reviewing Council comments with the drafting team. Once the draft is returned, the Council will need to have a conference call to officially approve the statement.
- Environmental Health: A précis has been generated. Keith Seitter has requested clarification of the meaning of the term “OneHealth”, specifically: “Does the Board intend to use that term in the sense of a concept within the health community or to the specific One Health Initiative?”
- Social Sciences in the Atmospheric Sciences: The writing team is addressing comments provided by the Council. It is anticipated a revised version will be provided to the Council by the end of June.
- Weather Analysis and Forecasting: The Council provided comments on the proposed revision writing team. A response to the Council comments is being prepared.

Respectfully submitted

Ward Seguin