

**STAC Board and Committee Five Year Plans for 2014
(September 3, 2014)**

Boards

1. Atmospheric Biogeosciences - Elizabeth Pattey

Presented by the Chair and Members:

Dr Elizabeth Pattey, Dr Judith C. Chow, Laura Edwards, Dr. Richard H. Grant, Dr April Hiscox, Dr Brian K. Lamb, Dr Monique Y. Leclerc, Dr. Kyaw Tha Paw U, Dr. Timothy VanReken, Sarah Waldo .

2014

Selection committee on the Outstanding Achievement in Biometeorology Award.

Selection of student travel awards.

Specialty meeting (Second Conference on Atmospheric Biogeosciences) jointly organized with the committee on Agricultural and Forest Meteorology.

Board meeting during the Specialty meeting.

Selection of student presentation awards during the specialty meeting

Develop a nomination procedure for selecting student member joining BAB.

Nominations for new members to the BAB.

Review relevant statements and submitted terms to the Glossary of Meteorology to atmospheric biogeosciences and answer STAC commissioner requests.

2015

Selection committee on the Outstanding Achievement in Biometeorology Award.

Preparation of the next specialty meeting (Third Conference on Atmospheric Biogeosciences) jointly organized with the committee on Agricultural and Forest Meteorology and possibly the committee on Boundary-Layer Meteorology.

Update selection procedures for student presentation awards and student travel awards.

Review relevant statements and submitted terms to the Glossary of Meteorology to atmospheric biogeosciences and answer STAC commissioner requests.

Update the terms of Reference of the Board on Atmospheric Biogeosciences

Nominations for new members to the BAB.

Discuss possibilities of joint sessions during the annual AMS meeting with the committee on Atmospheric Chemistry.

2016

Selection committee on the Outstanding Achievement in Biometeorology Award.

Selection of student travel awards.

Specialty meeting (Third Conference on Atmospheric Biogeosciences) jointly organized with the committees on Agricultural and Forest Meteorology and Boundary-Layer.

Board meeting during the Specialty meeting.

Selection of student presentation awards during the specialty meeting

Nominations for new members to the BAB.

Review relevant statements and submitted terms to the Glossary of Meteorology to atmospheric biogeosciences and answer STAC commissioner requests.

2017

Selection committee on the Outstanding Achievement in Biometeorology Award.

Preparation of the next specialty meeting (Fourth Conference on Atmospheric Biogeosciences) jointly organized with the committee on Agricultural and Forest Meteorology and possibly another committee.

Update selection procedures for student presentation awards and student travel awards.

Review relevant statements and submitted terms to the Glossary of Meteorology to atmospheric biogeosciences and answer STAC commissioner requests.

Organize joint sessions during the annual AMS meeting with the committee on Atmospheric Chemistry.

2018

Selection committee on the Outstanding Achievement in Biometeorology Award.

Selection of student travel awards.

Specialty meeting (Fourth Conference on Atmospheric Biogeosciences) jointly organized with the committee on Agricultural and Forest Meteorology.

Board meeting during the Specialty meeting.

Selection of student presentation awards during the specialty meeting

Nominations for new members to the BAB.

Review relevant statements and submitted terms to the Glossary of Meteorology to

2. Data Stewardship - Mohan Ramamurthy

The Mission of the STAC Board on Data Stewardship (BDS) is to advise and serve the American Meteorological Society (AMS) in matters related to data stewardship. The BDS mission broadly includes the following goals:

- coordinating of activities and services to enhance access to and use of data, and education;
- raising data stewardship awareness and fostering communication, collaboration, and regular dialog and between all relevant stakeholders in the government, academic, and private sector through close coordination with other AMS Boards, Committees, and Commissions;
- encouraging data stewardship activities at data archive centers that improve and enable data discovery, access, sharing, and long-term preservation; developing guidelines for publishing and citing data referenced in AMS journals and publications;
- advancing data transparency and re-usability and promoting credit for scientists that collect and prepare data, accelerate scientific discovery by tightly coupling publications and data;

- ensuring that there is an ongoing process to assess and improve the quality and content of and standards for data and metadata used by the AMS community;
- initiating, organizing and coordinating scientific, technical, and stakeholder meetings, including workshops, conference sessions, symposia, and town-hall meetings;
- helping to realize the goal of providing reliable, consistent, accurate, well-documented and timely information about data resources that advance the society's mission, and ensuring that those data assets are used to their fullest potential, shared, and properly preserved for future use;
- exploring current and emerging technologies to advance the provision of services related to data stewardship, including but not limited to services for storing, accessing, processing, and analyzing data.

The BDS members represent all three sectors of the Society's membership, including liaisons from Publications Commission, Commission on Weather Enterprise Liaison and Board on Environmental Information Processing Technologies.

Listed below are some specific activities and timelines in support of the BDS mission:

1. Organize and conduct sessions on data stewardship and related topics at the AMS Annual Meeting, either in conjunction with the EIPT Conference, or jointly with other conferences (e.g., ASLI) and meetings as appropriate.
 - a. Hand out awards for Best Student Paper and another award for Best citation of data in an AMS publication

Time table: 2015-2018

2. Hold Town Hall meetings on data stewardship-related matters as needed.

Time table: Ongoing

3. Cosponsor a workshop/panel or conference session on topics related to Big Data Management and Stewardship

Time table: 2016

4. Encourage, plan and conduct short courses during the AMS Annual Meeting on topics of interest to the AMS membership

Time table: Ongoing (a short course was held in 2014 on WRF visualization using the Integrated Data Viewer tool)

5. Conduct Data Management Plan workshops for Principal Investigators during the AMS Annual Meeting on topics of interest to the AMS membership

Time table: 2016 and 2018

6. Participate in the AMS Student Conference to increase awareness of the emerging area of “data science” amongst the students.

Time table: 2015 and 2017

7. Provide guidelines to authors and reviewers to cite data in AMS publications and disseminate. This work is done in partnership with the AMS Publications Commission.

Time table: 2015

8. Draft position papers on data stewardship topics as needed.

Time table: Ongoing

9. Work with AMS to institute an award for best innovation in a data-related activity.

Time table: 2015-2016

10. Hold face-to-face meeting of the Board at AMS Annual Meeting, and virtual meetings on an as needed basis.

Time table: 2015-2018

3. Environment and Health – Rita Colwell

Vision: An American Meteorological Society and broader atmospheric and related sciences community that recognizes the importance of global environmental changes for human well being and public health and is empowered to apply atmospheric and related sciences to solutions that protect and improve human, animal, and ecosystem health.

Mission: The Mission of the Board on Environment and Health is to raise awareness of the health implications of environmental changes in an integrated One Health framework, and to foster collaborations with lead to the application of atmospheric and related sciences for the prediction and protection of health for humans, animals, and ecosystems.

5 year Objectives:

1. Create a set of communication products that explain to the broader scientific community the connections between atmospheric and related sciences and public health and guide development of applications for societal benefit.

2. Establish meaningful partnerships and collaborations with other Boards and Committees of the AMS, including joint programming for the AMS annual and other meetings.
3. Integrate the Board is productively into the administrative apparatus of the AMS, including inclusion in glossary and policy statements and nominations for awards.

Areas of Activity and Milestones:

Communications:

2014: Initial web page constructed; draft policy statement completed

2015: Information statement will be completed; AMS Bulletin article written and published. Board considers drafting a Policy Statement, which is guidance on how the policy arena may more efficiently support and promote knowledge and research gains for public benefit.

2016: Web page will be updated and expanded; additional articles drafted

2017: Evaluation process for the Board will be initiated

2018: Summary of Board progress will be reviewed against the 5 year plan, results of evaluation will be written and published. And review of the 2014 Information Statement will be accomplished, as it will be time to renew and update by 2019.

Partnerships:

2014: Two or three AMS boards or committees will be targeted for outreach and development of joint sessions at 2015 AMS meeting. Emphasis is on health content in mainstream programming for other boards and committees. Initial candidates include the Board on Societal Impacts; Board on Enterprise and Economic Development; Research to Operations; Atmospheric Chemistry; and Climate Services.

2015: Based on experience with the 2015 AMS meeting, repeat programming with the same Boards or expansion to include other boards will be carried out. Partnerships with APHA and other NGOs will be established.

2016-2018: By the fifth year, joint programming for the annual meeting and for summer and policy meetings will have been accomplished with the identified boards; additional outreach and partnership (e.g. joint webinars, publications) will be explored.

Integration into the AMS Administrative Apparatus

2014: Board will update membership and provide a detailed annual report to STAC; information on AMS awards will be circulated to the Board and potential nominees identified.

2015-6: Board will consider development, possibly in conjunction with other Boards (focused on societal impact), new student and other AMS awards. Board will develop its web page to be integrated with AMS functions and features.

4. Environmental Information Processing Technologies - William F. “Woody” Roberts

5. Societal Impacts - Sheldon Drobot

6. Urban Environment – Devdutta Niyogi

Pre-amble:

The Board on the Urban Environment (BUE) includes within its interests (but is not restricted to): interactions of the natural and built urban environment with the atmosphere; urban air quality and transport and dispersion processes in urban areas; measurement challenges and observation techniques in urban environments, including direct and remote sensing; urban circulation systems and mesoscale interactions between cities and their surroundings; the energy and water balance of cities; causes, effects, and mitigation of the urban heat island; heat waves, urban biometeorology, and models of the urban biosphere including biocomplexity; cities as agents of global change; urban environment implications for engineering designs, planning and policy ; weather forecasting for urban areas and city dwellers.

The purpose and functions of the Board on Urban Environment are to:

1. Provide a focal point for those working in urban meteorology and related fields, and to foster interaction with other AMS committees and other societies in matters related to the meteorology of urban environments.
2. Raise awareness of issues in atmospheric science and technology that apply to the urban environment.
3. Give advice to the Society in matters concerning urban meteorology, and serve the AMS as reference, referee, representative, or spokesperson, as requested.
4. Participate in and organize scientific meetings and symposia on the urban environment in order to stimulate further research and clarify pertinent problems.
5. Support publication of high quality articles on the urban environment in AMS journals.
6. Nominate distinguished individuals to become Fellows and to receive awards of the Society.
7. Review nominations for outstanding contributions to the field of urban meteorology and select an annual winner of the Helmut E. Landsberg Award.

Objectives:

A 5-year strategic planning for activities is proposed with the following objectives:

- Continue to promote urban meteorology in US and abroad by partnering with key organizations to organize prime dissemination forums
- Increase awareness of urban meteorology issues and research needs to a broader audience via concept papers and educational activities for young scientists
- Increase and diversify the membership to represent a wider spectrum of participants to include but not limited to: gender, demographics, expertise, national and international
- Maintain and continue increasing the prestige and relevance of the Board's activities and awards
- Honor and reward excellence of contributions from members

Activities:

The specific proposed activities are;

- Organize national and international symposia with a potential frequency of 2-years
- Organize special conferences and symposia to raise awareness of, and reward the legacy of pioneers in the field
- Organize workshops to promote latest knowledge in urban meteorology
- Promote concept papers to represent the Society's views in urban meteorology
- Promote student awards in each symposium
- Renew and expand membership to 8 members and 2 student members. Membership terms will be maximum of 3-years with a possible renewal of 1 additional term. Student member's terms will be limited to 1 of 3 years.
- Develop and maintain a pool of candidates for the Landsberg Award

Invigorate

Committees

7. Agricultural and Forest Meteorology - Ankur R. Desai

The Agricultural and Forest Meteorology STAC represents the AMS membership with respect to surface-biosphere-atmosphere interactions including the role of the land surface on lower atmospheric processes and the role of meteorological and climate variability on ecosystem biophysics, biogeochemistry, and ecological dynamics. Consequently, we work closely with other STACs and Boards that intersect with land surface processes, especially the Board on Atmospheric Biogeosciences, Boundary Layers and Turbulence STAC, Atmospheric Chemistry STAC, Mountain Meteorology STAC, Board on Urban Meteorology, and the Fire Meteorology community. Further, we serve as a link for AMS to similar activities in the American Geophysical Union (AGU) Biogeosciences, Hydrology, Global Change, and Atmosphere sections, Ecological Society of America (ESA), Council on Agricultural Science and Technology (CAST), Fluxnet/Ameriflux, and International Society of Biometeorology. Our five-year plan below highlights our primary planned activities.

Conferences and Symposiums

We just held our successful 31st specialty conference on Agricultural and Forest Meteorology in May 2014 in Portland, Oregon, with nearly 200 attendees. This meeting was held jointly for the third time with the Board on Atmospheric Biogeosciences. Meeting sessions, student travel and presentation awards, and an award honoree banquet were all planned together. In particular, we ran a special session and banquet honoring this year's awardee of the AMS award for Outstanding Achievement in Biometeorology, Dr. Ray Leuning, from CSIRO in Australia.

We have begun planning our 32nd meeting to be held in spring or summer 2016 at a location likely in the Midwest USA. Our intention is to have a joint meeting with Atmospheric Biogeosciences again, and with Boundary Layers and Turbulence, as we have in the past. Our program chairs have been assigned and are working on scheduling with the other groups.

We will continue our tradition of bi-annual meetings, alternating more western and more eastern U.S. locations, and continue to seek opportunities for joint meetings with Biogeosciences, Boundary Layers and Turbulence, and other STACs as we consider our 2018 meeting. We did entertain proposals recently to meet jointly with the AMS-organized International Congress on Biometeorology in 2014 and also Mountain Meteorology in 2016. Though we declined both this time, we intend to seek how we might do so for 2017 or 2018.

Also, the AMS Fire and Forest Meteorology Symposium has changed its timing to have late spring meetings instead of traditional fall meetings. This is primarily to address recent government travel issues near the beginning of the October 1 fiscal year. The next planned meeting is early May 2015 in Minneapolis.

Awards

Our STAC members have worked closely on several award projects that we plan to continue. First, we have codified a set of guidelines for awarding of student travel and presentation awards at conferences in 2013. We will revisit this statement in 2015 to assess if this will be appropriate for the 2016 meeting.

Second, we plan to continue to participate in the nomination and selection process for the AMS award for Outstanding Achievement in Biometeorology. In 2015, we codified a sub-committee nominee selection process with Atmospheric Biogeosciences that has come about through consensus and support of both groups. We will continue to advocate for this joint STAC and Board driven process for awardee selection. We intend again in 2015 and every year afterwards to encourage outside nominations of several worthy prospects in our field for this award. Further, we will reassess the nomination process every two years (2016, 2018) to maintain a fair process for selection.

Finally, recognizing the large number of worthy candidates and limitations of the Biometeorology award, we have begun the process of proposing a STAC or AMS award focused on early to mid career scientists. Further, we hope to name this award in honor of agricultural meteorology pioneer, Champ Tanner. Our committee will move forward with a draft proposal in 2014, attempt to get it approved by 2015, and hope to present the first award at our specialty meeting in 2016, and again in future years with nomination support.

Short Courses

Our STAC has not recently organized short courses. However, the prospect of one focused either on micrometeorology or large-eddy simulation will be considered in the next 4 years.

Publications

Our STAC has not recently supported any special issues in AMS journals. However, we will consider such, especially related to land surface-atmosphere process measurement for journals such as Journal of Applied Meteorology or Journal of Atmospheric and Oceanic Technology. The Elsevier journal Agricultural and Forest Meteorology continues to hold its editorial board meeting with our specialty conference, and we intend to continue this relationship for 2016 and 2018.

AMS statements

Our STAC has contributed to previous AMS statements, such as one on drought. We have no current plans to draft any new statements, but will remain active in nominating members to contribute to draft statements that intersect with our discipline.

Other

Ankur Desai will finish his second and final term as STAC chair in 2016 and a process will be in place to find a replacement. We continue to support and advocate for student members on our STAC and have made the process of STAC website editing a primary responsibility of the student member. In 2015, we intend to add significant material and information to our editable, but currently blank STAC page, and then seek to revise continually.

8. Air-Sea Interaction – R. Justin Small

Current members: Magdalene Anguelova, Kityan Choi, Shenfu Dong, Young-Oh Kwon, Tetsu Hara, Emily Harrison, Henry Potter, R. Justin Small (chair), Chris Zappa, Huai-min Zhang.

The committees primary roles are to encourage scientific development in the field of Air-Sea Interaction by organizing regular Conferences and awarding student participation and excellence. The conferences cover a broad spectrum of fields within Air-Sea interaction, from the measurement of surface exchange between atmosphere and ocean at surface wave scale, up to planetary scale climate variability. The conferences are attended by meteorologists,

oceanographers, and scientists in related fields and thus act to reduce barriers between different fields. Presentations on observations, models and theoretical aspects of Air-Sea Interaction are encouraged. The conferences attract a broad international audience, particularly from Europe and Asia. Student participation is encouraged with networking receptions and publicly-presented awards. The Air-Sea conferences alone draw up to 150 attendees, but we generally coordinate with either the AMS AGM, or another AMS committee in a Speciality Meeting, to ensure a healthy conference size of 300 people or more in total.

Thus our 5-year plan mainly revolves around the Conferences held every 18 months to 2 years.

2014. We will complete the planning of the 19th conference on Air-Sea Interaction held at the AMS AGM, Phoenix, January 2015. Committee membership will be reviewed. We have begun preliminary meetings with the AMS Satellite committee for organizing a 2016 Speciality meeting.

2015. Hold the 19th conference on Air-Sea Interaction at the AMS AGM, Phoenix, January 2015. Organize a 2016 Speciality meeting with the AMS Satellite committee.

2016. Hold the 20th conference on Air-Sea Interaction jointly with the AMS Satellite committee, in mid-year. Start discussions on next Air-Sea Interaction Conference, a Speciality meeting probably to be held in Fall of 2017. Decide on collaboration with another Committee.

2017. 21st conference on Air-Sea Interaction, probably in Fall.

2018. Planning for 22nd conference on Air-Sea Interaction, probably to be held during the AMS AGM in January 2019.

In addition committee membership will be regularly reviewed each year.

9. Applied Climatology - Tim Owen

AMS Committee on Applied Climatology Mission

Support the practice of applied climatology by facilitating the exchange of methods, techniques, and best practices related to climate data, information, and related products in support of the Society.

Scheduled Conferences

June 2014:	21 st Conference on Applied Climatology, Westminster, Colorado ⁽¹⁾
January 2016:	22 nd Conference on Applied Climatology, New Orleans, Louisiana ⁽²⁾
June/July 2017:	23 rd Conference on Applied Climatology, Location TBD ⁽³⁾
January 2019:	24 th Conference on Applied Climatology, Phoenix, Arizona ⁽²⁾

(1) Held in conjunction with the 17th Symposium on Meteorological Observations and Instrumentation.

(2) To be held at the AMS Annual Meeting.

(3) Anticipate the Proposal of a Short Course; the Committee will be looking for partnering conference/symposium.

AMS Awards

- The Committee provides input to the Board for Private Sector Meteorologists each year for the *Award for Outstanding Contribution to the Advance of Applied Meteorology*.
- The Committee is also committed to putting forward nominees from the field of Applied Climatology for AMS Fellow.

Membership

- The Committee has two rotating student members, with staggered one-year (plus one additional year renewal) terms.
- Committee membership ranges from 12 to 15 members. Terms are for three years, with one renewal. The Committee strives to ensure representation from academia, government, and the private sector in its membership. It is also committed to promoting a diverse membership reflective of the Society at-large.

Strategic Objectives

- The Committee on Applied Climatology has an overarching objective to further the application of state-of-the-art knowledge, information, and technology to real-world socioeconomic and environmental problems. Over the next four years, the Committee will:
 - Develop and expand content on its AMS web page
 - Promote the use of social media as appropriate surrounding its conferences and other events
 - Support the AMS Annual Meeting themes, and promote special symposia as appropriate
 - Strengthen its partnerships across the community of applied climatology practitioners, including (but not limited to):
 - The American Association of State Climatologists
 - Regional Climate Centers (NOAA)
 - National Integrated Drought Information System
 - Regional Integrated Sciences and Assessments (NOAA)
 - U.S. Global Change Research Program
 - Landscape Conservation Cooperatives (USGS)
 - National Climate Change and Wildlife Science Centers (USGS)
 - Regional Climate Hubs (USDA)
 - Cooperate with other professional organizations and international efforts in the promotion of the broader fields of climate and meteorology
 - Develop relevant and timely Society statements
 - Proactively engage student and early career scientists in the field
 - Work collaboratively with other AMS groups on climate monitoring, assessment, and societal impact studies
 - Promote climate literacy to the public

10. Artificial Intelligence Applications to Environmental Science - Amy McGovern

Conferences:

1. Annual conference held as part of the AMS annual meeting 2015-2020
2. Goal of at least three joint sessions every year
3. Organize a big data session for the 2015 meeting (possibly make it annual)

Outreach:

1. Co-sponsor Climate Informatics Workshop 2014
2. Sponsor or cosponsor a biennial AI contest 2016, 2018, 2020
3. Maintaining and enhancing the AI Committee website 2015-2020
4. Work with AMS on a big data presence for weather/climate data 2015-2020

Publications:

1. Create a second edition of the AI Applications in Environmental Science book to be completed by 2016

Annual Meeting Short Courses:

1. Sponsor a short course or educational forum 2016

Award Nominations:

1. Goal of submitting one Society award per year 2015-2020
2. Goal of generating two Fellow awards in the next five years 2015-2020

Publications:

1. Goal of encouraging AMS AI Committee members to be editors/associate editors of AMS publications 2015-2020

Weather Fest:

1. Goal of presenting interesting work (such as apps and games) twice in the next five years: initial year 2015

11. Atmospheric and Oceanic Fluid Dynamics - Steven Feldstein

2014

- Begin preparing for 20th AOFD Conference on Atmospheric and Oceanic Fluid Dynamics
- Planning on a new type of special session to celebrate the accomplishments of a leading atmospheric scientist or physical oceanographer
- Nominating new committee members while some committee members will leave since their term expires

2015

- 20th AOFD Conference on Atmospheric and Oceanic Fluid Dynamics to be held at the Commons Hotel in Minneapolis, Minnesota from 15-19 June 2015.
- Plans for possible changes in future AOFD conferences to be discussed during luncheon at AOFD conference
- Committee discussion on city and hotel for the 21st AOFD conference
- Nominate Bernhard Haurwitz Lecturer
- Nominating new committee members while some committee members will leave since their term expires

2016

- Begin preparing for 21st AOFD Conference on Atmospheric and Oceanic Fluid Dynamics
- Nominating new committee members while some committee members will leave since their term expires

2017

- 21th AOFD Conference on Atmospheric and Oceanic Fluid Dynamics (site to be determined, mostly likely during June)
- Plans for possible changes in future AOFD conferences to be discussed during luncheon at AOFD conference
- Committee discussion on city and hotel for the 22nd AOFD conference
- Nominate Bernhard Haurwitz Lecturer
- Nominating new committee members while some committee members will leave since their term expires

2018

- Begin preparing for 22nd AOFD Conference on Atmospheric and Oceanic Fluid Dynamics
- Nominating new committee members while some committee members will leave since their term expires

12. Atmospheric Chemistry – Jiwen Fan

The Atmospheric Chemistry Committee seeks to grow the visibility of atmospheric chemistry in the AMS, thereby leading to increased representation of atmospheric chemistry in AMS membership, meetings, and journals, and thus building a Society that better reflects the full scope of atmospheric science today. This goal is aligned with the stated goals of the AMS Council.

Our primary focus of activities has been, and will continue to be, on the Annual Meeting. We have successfully initiated and grown a Symposium on Aerosol-Cloud-Climate Interactions, and will hold the 7th Symposium at the 2015 Annual Meeting. The choice of topic and the ability to attract top-notch scientists from around the world to this Symposium has resulted in its status as the premier annual conference for presenting work in this field. We will continue this effort, drawing in new participants each year and adapting sub-themes to the evolving science.

We have also held an annual Atmospheric Chemistry conference at the Annual Meeting each year. The themes and interest in this conference have fluctuated, and it does not yet have a strong individual identity. Over the next five years we plan to sharpen the focus of the Conference, similar to what was done for the Aerosol-Cloud-Climate topic. We are considering themes that will leverage the strengths of the broader AMS membership, including strong ties to meteorology, and that will consistently attract new members who are drawn to the opportunity for such interactions. In addition, our strategy will include organizing themed joint sessions with other conferences, and proposing specific Named Symposia that will draw in participants to the corresponding specific research themes. A recent successful example was the Duce Symposium in 2013.

To draw in high-profile speakers, and also to encourage participation and long-term involvement by early career scientists, the Invited Presentation option has been very effective. We will continue to make use of this, and will also seek to augment its effectiveness by securing travel support funds that can be offered to participants that have not been involved in the AMS before.

The Journal of Atmospheric Science is seeking contributions from the atmospheric chemistry community. One way that we can help is by soliciting papers from successful sessions at the Annual Meeting, and by proposing special collections on Symposia. We envision our Committee as taking a leadership role in broadening the submissions to JAS, eventually growing interest to the level where a new journal devoted to atmospheric chemistry is justified.

An effective way to increase the visibility of Atmospheric Chemistry in the Society is to nominate outstanding candidates for AMS Awards, AMS Fellowships, and AMS leadership positions. Our Committee will actively seek to propose names and to prepare nominations for these opportunities.

Finally, it is extremely important that we recruit students and early career scientists into our ranks and mentor them, so that they will serve as future session organizers and Committee members. We will continue to make awards to student presenters at the Annual Meeting, to involve early career scientists as session chairs and organizers, and to adjust the composition of the Committee to reflect our priorities.

The following specific activities for the next 5 years are associated with completing the above stated goals:

- (1) Publish a special collection on aerosol-cloud-climate interactions in JAS in 2015. Discuss at least one more special issue within next 5 years
- (2) Organize the Mario Molina symposium in 2016 (together with Renyi Zhang, the former committee chair)
- (3) Organize themed joint sessions at the Annual Conferences.
- (4) Submit a Named Symposium proposal for 2017; consider potential Symposium possibilities for later years.
- (5) Submit a nomination for a STAC award by the committee in 2014 (repeat in subsequent years)
- (6) Submit a nomination for The Verner E. Suomi Award in 2015.
- (7) Encourage at least two Award nominations each year, and advocate appointments of atmospheric chemists to Council and to the Awards and Nomination Committees.
- (8) Actively approach federal agencies and private companies to secure sponsorships for special symposia and student travel.

13. Atmospheric Electricity – Kristin Calhoun

14. Atmospheric Radiation – Paquita Zuidema

2014

- Nomination for Remote Sensing Prize
- 14th Joint Specialty Conference with Cloud Physics July 7-11, Boston, MA, featuring named Sean Twomey sessions
- Anthony Slingo Symposium July 8
- Chairship of P Zuidema ends; new Chair: Christine Chiu, c.j.chiu@reading.ac.uk selected from existing committee membership. sentiment of committee is to continue seeking a joint specialty conference with Cloud Physics as the next meeting.

2015

- Replace committee members who are rotating off
- (anticipated) solicit for another nomination for the Remote Sensing Prize

2016

- Begin planning for 15th Atmospheric Radiation Conference
- Replace committee members who are rotating off
- (anticipated) solicit for another nomination for the Remote Sensing Prize

2017

- Continue planning for 15th Atmospheric Radiation Conference
- Replace committee members who are rotating off
- (anticipated) solicit for another nomination for the Remote Sensing Prize

2018

- 15th Specialty Conference of Atmospheric Radiation. Joint with Cloud Physics?

15. Aviation, Range, and Aerospace Meteorology – Cecilia Miner

2014

- Fourth Aviation, Range and Aerospace Meteorology Special Symposium, Atlanta, Georgia
- Replace members rotating off committee
- Cecilia Miner replaces Dave Pace as committee chair
- Recruit new student and regular members for 2015
- Seek program chair for 2016 ARAM special symposium
- Follow up on ARAM committee member suggestion to create a prize in alliance with a user organization for the ARAM symposium years (Best Student Paper award offered only for full conferences)

2015

- 17th Conference on Aviation, Range and Aerospace Meteorology (ARAM), Phoenix, Arizona
- Best Student Paper award
- Replace members rotating off committee
- Recruit new student and regular members for 2016
- Seek program chair for 2017 ARAM full conference

2016

- Fifth Aviation, Range and Aerospace Meteorology Special Symposium, New Orleans, Louisiana
- Replace members rotating off committee
- Recruit new student and regular members for 2017
- Seek program chair for 2018 ARAM special symposium

2017

- 18th Conference on Aviation, Range and Aerospace Meteorology (ARAM), Seattle, Washington
- Best Student Paper award
- Replace members rotating off committee
- Recruit new student and regular members for 2018
- Seek program chair for 2019 ARAM full conference

2018

- Sixth Aviation, Range and Aerospace Meteorology Special Symposium, Austin, Texas

- Replace members rotating off committee
- Recruit new student and regular members for 2019
- Seek program chair for 2020 ARAM special symposium

16. Boundary Layers and Turbulence – Julie Lundquist

17. Climate Variability and Change – Sumant Nigam

18. Cloud Physics – Jorgen Jensen

19. Coastal Environment – Andre van der Westhuysen

Compiled: Andre van der Westhuysen (chair), Frank Aikman, Mona Behl, Alec Bogdanoff, Carol-Ann Clayson, Michael DeFlorio, Pat Fitzpatrick, Nikitas Georgas, Teddy Holt, Art Miller, Chris Mooers, Hyodae Seo.

Date: 07/07/14

During the 5 year term spanning 2014-2018, we will be emphasizing visibility in, and impact on, the Coastal Environment community by means of the following activities:

a) Regular hosting of symposia

We will be hosting a yearly symposium co-located with the AMS Annual Meeting. Topics at these meeting will cover the broad scope of our community, including marine meteorology, coastal hydrodynamics (e.g. storm surge, erosion), ecology, social studies, etc. A number of opportunities for joint sessions with other STAC committees also exist. We intend to rotate through a number of joint symposia with related-discipline committees (e.g. Air-sea interaction, Hydrology) to build a comprehensive picture of the state of the coastal environment, working towards a publication on this topic (see below). Where appropriate we intend to invite keynote speakers to our sessions. We are committed to promoting the attendance of students and post-docs (early-career professionals) at these meetings, where possible we will assist with travel support. The following symposia are planned:

- 2015: 13th Symposium on the Coastal Environment, at AMS Annual Meeting (Phoenix)
- 2016: 14th Symposium on the Coastal Environment, at AMS Annual Meeting (New Orleans)
- 2017: 15th Symposium on the Coastal Environment, at AMS Annual Meeting (Seattle)
- 2018: 16th Symposium on the Coastal Environment, at AMS Annual Meeting (Austin)

In addition to the above, our Committee is open to participate in special opportunities that might arise outside of the Annual Meeting.

b) *AMS statements and position papers*

The committee will participate in AMS policy statements when requested by the society, and will otherwise offer input where deemed appropriate, e.g. on storm surge. We also aim to increase visibility of the coastal environment by publishing at least one “state of the coastal environment” review paper during the 5-year term, in a publication such as BAMS. This will be based on the insights gathered from the above-mentioned symposia and various joint sessions during this period. Activities therefore include:

2014-2018: Support for AMS policy statements on topics covering the coastal environment

2016: An AMS policy statement on Storm Surge published.

2018: At least one review paper on the coastal environment expected to be published.

c) *Short courses*

Opportunities exist to host short courses/workshops on the weekend preceding the Annual Meeting. We aim to host at least one such short course on a pertinent or novel technology in our field within the 5-year term. Suggested topics include: a short course on the storm surge model SLOSH/P-Surge (by NOAA/NWS), short course on the storm surge model ADCIRC (by U North Carolina/U Notre Dame), short course on the Stevens Estuarine and Coastal Ocean Model (sECOM), a site visit and briefing on in situ storm surge observation (by UT Corpus Christi), and HF radar applications for coastal hydrodynamics. Our goal is therefore to:

2016: Successfully hosted at least one short course on a coastal environment topic at the Annual Meeting.

d) *Glossary of Meteorology (GoM) support*

We will continue to support this effort, managed by Mary Cairns (AMS Staff), in particular with regard to coastal meteorological phenomena.

2014-2018: Ongoing support for the Glossary of Meteorology.

e) *Member/student recognitions and awards*

It is a high priority to recognize both student and advanced-career achievements in our field. To this end, we will continue to participate in the review panel of the Francis W. Reichelderfer

Award. We will also award student prizes at our annual symposia. However, we have established that there is no dedicated AMS award for the coastal environment. Therefore, during this 5-year term we intend to work with AMS staff towards establishing such an award.

Activities relating to awards thus include:

2014-2018 Participate in Francis W. Reichelderfer Award and student awards

2018: Establish an AMS award focuses on the coastal environment

f) Establish and *maintain online visibility*

We will maintain our Coastal Environment website, which includes our mission statement, news and featured activities, student opportunities and more. This site will be managed by a designated committee member. Furthermore, AMS members from our discipline have expressed the desire to follow our activities and foster discussions within the community, e.g. through a Facebook/Twitter page. However, at present, AMS does not appear to have a centralized infrastructure for this purpose. We have therefore set up a listserv from one of our member institutes for the time being.

During the 5-year term, we would like to work with AMS to establish a presence for the Coastal Environment on an AMS-hosted social media platform. In this regard, we would also like to identify who exactly the members of our community are, to be able to reach out to them more effectively. A good starting point would be to extract, with the help of AMS headquarters, contact information of authors and co-authors attending our sessions over the past 5-10 years. Activities regarding visibility therefore include:

2014-2018: Maintain visibility and outreach through STAC website and listserv.

2018: Successfully established a presence on an AMS-hosted social media platform.

20. Hydrology – Michael Ek

21. Laser Atmospheric Studies – Sara Tucker

2014

- Planning the 7th Symposium on Lidar Atmospheric Applications to be held at the AMS Annual meeting January 2015.
- Focus on joint sessions between the lidar symposium and other Board/Committee meetings at the AMS annual meeting.
- Set in motion a new 5 year plan
- Membership: Rebuilding the committee size and activity
- Develop content for CLAS website

- Committee members update their AMS personal profiles for AMS to link them to the CLAS membership site

2015

- Hosting the 7th Symposium on Lidar Atmospheric Applications
- Implement content on the CLAS STAC website
- Organize a special edition journal article collection on a specific lidar topic (potentially in collaboration with another lidar organization)
- Nominate a lidar person for a planned Board/ Committee and Society award
- New members and membership renewals
- Select new chair to start in January 2016

2016

- Planning the 8th Symposium on Lidar Atmospheric Applications to be held at the AMS Annual meeting January 2017.
 - Focus on joint sessions between the lidar symposium and other Board/Committee meetings at the AMS annual meeting.
- Plan for a lidar-related short course at the 2017 meeting (interest and funding dependent - in past years there have not been enough people paying to attend short courses so they get cancelled after a lot of hard work)
- Finalize special edition journal collection.
- New members and membership renewals

2017

- Host the 8th Symposium on Lidar Atmospheric Applications
- If developed in 2016, teach a lidar-related short course at the AMS annual meeting
- Nominate a lidar person for a planned Board/ Committee and Society award
- New members and membership renewals

2018

- Planning the 9th Symposium on Lidar Atmospheric Applications to be held at the AMS Annual meeting January 2019.
 - a. Focus on joint sessions between the lidar symposium and other Board/Committee meetings at the AMS annual meeting.
 - New members and membership renewals
 - Nominate a lidar person for a planned Board/ Committee and Society award

All years: Committee to provide input/support when appropriate for:

- support for AMS statements,
- Identification of cross-sector issues by the STAC committees and members.
- Issues to bring to Council

- Connecting topics with other Commissions (e.g. pubs)
- Working with other Commissions
- communications and outreach activities,
- Possible participation at the Summer Community Meeting.
- Individual member participation in special AMS programs (e.g. Policy Program, Washington Forum)

22. Measurements – Wendy Ryan

2014- SMOI held a Joint Symposium with AMS Applied Climate in Westminster, CO as well as a Measurements field tour. Awards will be given for students at this conference once they are posted to the AMS website. The committee hopes to start a social media outreach campaign that will highlight our Symposiums and new Measurement technologies as well as research.

The committee is interested in putting together a “Standardization of Mesonet Data statement” for state run networks to be more readily accepted into the normal data streams like NCDC and ACIS. This wouldn’t require retrofitting current systems, but be aimed at new networks to attempt some standardization across platforms.

2015 - Since the short course that we put together for the 2014 meeting did not have enough participants to go forward, the committee is working with AMS to see if we can hold it at the annual meeting in Phoenix. If not, we will hold off until 2016 and retry the short course in New Orleans.

The committee will also present the Leviton award at the annual meeting to the best student paper of the year.

The committee will need to elect a new chair in 2015.

2016- Hold SMOI Symposium in New Orleans, LA (possibly a short course if it doesn’t get approved for Phoenix.

2017 – No planned activities.

2018 – Hold SMOI Symposium in Austin, TX

23. Mesoscale Processes - Todd Lane

The primary activity of the Mesoscale Processes Committee is organizing the biennial Mesoscale Processes conference, which is normally held in the summer of odd-numbered years. We also regularly support the nomination of members of our community for AMS awards and fellowships.

Although our Committee doesn’t normally play a formal role in the Annual Meeting, members of the mesoscale community are active in the Annual Meeting through attendance of other conferences often held there (e.g., ARAM, NWP/WAF, named symposia, major weather events, etc.). We feel this level of activity, combined with our highly discipline-

focused mesoscale processes conference, strikes the appropriate balance and satisfies the needs of our community. Nonetheless, depending on specific Annual Meeting themes, we will continue to consider proposing Annual Meeting special symposia on mesoscale processes in the future.

Specific timeline of planned activity is detailed below.

2014:

- Committee is active in planning for the 16th Conference on Mesoscale Processes
- August: Internal Committee process to renew or replace 3 members at the end of their term.

2015:

- January: Committee meeting to be held (teleconference). Primary purpose is to discuss Committee support for nominations for AMS Awards and Fellowships, but also to discuss other Committee activities (e.g., web, glossary, etc.), the upcoming conference, and consideration of special Annual Meeting symposia proposals in the context of future themes.
- August 3-6: Hold the 16th Conference on Mesoscale Processes at the Sheraton Boston Hotel in Boston Massachusetts (Co-Chaired by Z. Meng and S. van den Heever). Also hold a Committee meeting (in person) to discuss the next conference, potential new committee members, and continue ongoing discussions about the development of a mesoscale processes award.
- August: Internal Committee process to renew or replace 4 members approaching the end of their term and to identify a new incoming Committee Chair.
- 2nd Half of 2015: Determine location for 17th Conference on Mesoscale Processes (preferably western USA). Approach other aligned Committees to determine their interest in hosting a joint conference.

2016:

- January: Current Chair is replaced by incoming Chair; current Chair assumes the role of 'outgoing chair' for one year to assist in the transition.
- January: Committee meeting to be held (teleconference). Primary purpose is to discuss Committee support for nominations for AMS Awards and Fellowships, but also to discuss other Committee activities (e.g., web, glossary, etc.), the upcoming conference, and consideration of special Annual Meeting symposia proposals in the context of future themes.
- Committee's main activity for 2016 is planning the 17th Conference on Mesoscale Processes.
- August: Internal Committee process to renew or replace 3 members at the end of their term.

2017:

- January: Committee meeting to be held (teleconference). Primary purpose is to discuss Committee support for nominations for AMS Awards and Fellowships, but also to discuss other Committee activities (e.g., web, glossary, etc.), the upcoming conference, and consideration of special Annual Meeting symposia proposals in the context of future themes.

- Summer: Hold the 17th Conference on Mesoscale Processes (preferably in western USA). Also hold a Committee meeting (in person).
- August: Internal Committee process to renew and/or replace members approaching the end of their term.
- 2nd Half of 2017: Determine location for 18th Conference on Mesoscale Processes (preferably eastern USA). Approach other aligned Committees to determine their interest in hosting a joint conference.

2018:

- January: Committee meeting to be held (teleconference). Primary purpose is to discuss Committee support for nominations for AMS Awards and Fellowships, but also to discuss other Committee activities (e.g., web, glossary, etc.), the upcoming conference, and consideration of special Annual Meeting symposia proposals in the context of future themes.
- Committee's main activity for 2018 is planning for the 18th Conference on Mesoscale Processes.
- August: Internal Committee process to renew and/or replace members at the end of their term.

24. Meteorological Aspects of Air Pollution – Paul E. Bieringer

25. Meteorology and Oceanography of the Southern Hemisphere - Penehuro F Lefale

26. Middle Atmosphere – Edwin Gerber

Our committee, <http://www2.ametsoc.org/stac/index.cfm/committees/committee-on-middle-atmosphere/> organizes the biennial conferences on the middle atmosphere, and shares in the responsibility for selecting the Bernhard Haurwitz Memorial Lecturer with the STAC committees on Atmospheric and Oceanic Fluid Dynamics and Climate Variability and Change.

Our membership has gotten rather small (6 people), nearly all of whom have only recently joined the committee. After the required rotation of a number of two-term members, we lost almost all of our “institutional memory.” An important goal for the next few years is to build up the committee and better document our activity, to provide more memory and guidance for the committee in the future. We believe that the recruitment of 3 new members each year (perhaps varying depending on how many members are rotating off) will allow us to build up and maintain critical mass for the future.

We'd like to continue recruiting committee members with ties to other organizations focused on middle atmospheric research. Currently, members of our committee are involved with WCRP (World Climate Research Program) SPARC (Stratosphere-troposphere Processes And their Role in Climate) activities (<http://www.sparc-climate.org/>), including:

- DynVar (Dynamics and Variability of the Stratosphere-Troposphere System), <http://www.sparcdynvar.org/>
- SNAP (Stratospheric Network for the Assessment of Predictability), <http://www.sparc-climate.org/activities/assessing-predictability/>

- S-RIP (SPARC Reanalysis Intercomparison Project), <http://s-rip.ees.hokudai.ac.jp/>

With the currently small committee, we have not had sufficient mass to focus on special issues, etc. We hope that this first five year plan is a step towards building up a more active group.

2014

Planning the 18th Conference on the Middle Atmosphere (to be held at the 2015 annual meeting). We have:

- arranged special sessions with other conferences at the meeting
- identified a Core Science Keynote lecturer, Dr. Paul Newman
- begun organizing an early career scientist mixer
- advertised the meeting and the student presentation awards

The meeting organizers (Thomas Birner, Steven Pawson, and Ed Gerber) will set the meeting structure in late August.

As noted above, we also need to build up our committee. Our goal is 3 new members. The chair's term ends early next year, and a new chair will be needed.

We'd also like to update our STAC committee webpage, which provides very little information about our committee or its goals. The goal is to get this taken care of during the fall.

2015

18th Conference on the Middle Atmosphere, Jan. 4-8, 2015, Phoenix (held in conjunction with the 95th annual meeting)

Committee membership recruiting

2016

Planning the 19th Conference on the Middle Atmosphere, likely to be held in June 2017, jointly with the AMS conference on Atmosphere and Ocean Fluid Dynamics. The joint meeting is a good opportunity for special sessions on stratosphere-troposphere coupling and middle atmosphere dynamics.

A special session on reanalysis may be very appropriate, given the S-RIP activity report to be completed in 2017.

Committee membership recruiting

2017

19th Conference, including a "women in science" event, which was very successful at the 2013 conference in Newport.

Committee membership recruiting

2018

Planning the 20th Conference on the Middle Atmosphere, to be held in 2019. This time around we would like to meet in conjunction with the Committee on Climate Variability and Change and/or at the Annual Meeting again.

Committee membership recruiting

27. Mountain Meteorology – Heather Reeves

- 1) Planning underway for 2014 meeting in San Diego, CA. Program chairs are Dan Kirshbaum and Marty Ralph. The hydro and WAF/NWP committees have sponsored sessions at this meeting.
- 2) Planning started for 2016 meeting (location yet to be determined). Program chairs are Stephan DeWekker and Erik Crosman. Attempts were made to meet jointly with another group, but no other group was willing to meet exclusively with us. We were unwilling to be part of a 3-way meeting.
- 3) Incoming committee members starting in 2015 have been selected. These are Mimi Hughes, Ethan Gutmann, Sebastian Hoch, and Dale Durran (taking over as chair).
- 4) Some conversations have been had with Dave Gochis (from the hydro committee) on the potential for a special AMS issue on the Sept 2013 flash flooding in Colorado. Nothing has been solidified.
- 5) We've initiated a webinar series that will continue indefinitely. As of now these are every other month, but the chair will seek to have them reduced to every 3 months at the next committee meeting.
- 6) The committee is in the process of revising a GOM definition for the Froude number. This review should be turned in on time.

28. Planned and Inadvertent Weather Modification – Masataka Murakami

29. Polar Meteorology and Oceanography – Andrew Roberts

1. Biennial Polar Meteorology and Oceanography conferences:

2015: 13th AMS Conference on Polar Meteorology and Oceanography, held jointly with the Canadian Meteorological and Oceanographic Society (CMOS) for their 49th Congress at Whistler, British Columbia, May 31 – June 4.

AMS representation on the organizing committee by Andrew Roberts, and AMS representation on the Scientific Program Committee is provided by Andrew Roberts and Ryan Fogt (see attached flyer).

2017: 14th AMS Conference on Polar Meteorology and Oceanography to be proposed as part of the AMS Annual Meeting. PMOC conferences are typically organized separately from the AMS Annual Meeting, which often occurs within a month or two of the American Geophysical Union (AGU) Fall meeting in San Francisco each December. Since the AGU fall meeting typically has a strong polar focus, many prefer not to attend both AGU Fall, and the AMS Annual Meeting, and opt to attend the former. However, we note that it has been many years since there has been a strong polar focus at AMS Annual Meetings, and therefore suggest this for 2017, and will work to advertise this early so that it can be considered early by the polar science community.

2019: 15th AMS Conference on Polar Meteorology and Oceanography organized as joint conference with another AMS STAC committee. Date and place to be discussed at a special meeting of the PMOC at the 2017 conference listed above. Organization for this meeting will commence in 2018.

2. Short courses

The PMOC will work to make it broadly known amongst the polar community about the facility for providing short polar courses at AMS Annual Meetings and at separate AMS Polar Meteorology and Oceanography Conferences. The intent of the committee is to encourage the polar community to use AMS short courses as an avenue for education and outreach in NSF proposals and projects. To encourage and lead this effort, two committee members are currently expecting to organize a short course at the 2015 conference: “A practical guide to using the Community Earth System Model and Regional Arctic System Model for coupled polar climate simulations”, organized by Jennifer Kay and Andrew Roberts.

3. Advocacy

The PMOC will nominate one committee member each year (2015-2018) to take part in an AMS congressional visit. This is contingent upon a member of the PMOC visiting Washington D.C. at a suitable time and being funded in another capacity for the visit to the area, since no direct funding is available through the AMS, and all members of the PMOC live at distance from the northeast corner of the U.S.A.. However, given that some members of congress poorly understand current and rapid polar changes, we will make every effort to take advantage of congressional visits organized by AMS.

4. Publication in BAMS

The PMOC plans to submit an article to the Bulletin of the American Meteorological Society around a broadly focused polar theme, such as “Taking stock of changes in Earth’s polar regions over the past few decades”. We will draft a proposal to BAMS during the 2015 meeting based around a dedicated session on the finalized topic, and, pending acceptance by the editors, expect to submit the article at beginning of 2016.

5. Glossary of Meteorology Review

The PMOC has noted that many polar terms on the Glossary of Meteorology are outdated, missing or inconsistent. During the next four years, each committee member will choose one polar term per year that is in need of review or missing from the glossary, and prepare a

submission to the editors of the glossary based on consultation with other committee members, and external experts, with a recommendation to update or introduce the chosen term.

6. Award Nominations

The committee will reinvigorate our efforts to seek out and nominate deserving members of the polar science committee for AMS awards, starting with the 2015 awards.

30. Probability and Statistics – Barbara Brown

31. Radar Meteorology – Stephen Nesbitt

Scheduled conferences and symposiums

- 37th AMS Conference on Radar Meteorology (Embassy Suites, Norman, OK) 14-18 September 2015 Conference Co-Chairs: Tian-You Yu and Alexander Ryzhkov
- 38th AMS Conference on Radar Meteorology (Site TBD, possibly international) Fall 2017

Annual meeting short courses

None. Our committee typically hosts short courses at our specialty meeting.

Publications (e.g. special collections for AMS journals)

We are developing a concept of a “history of radar meteorology” video/AMS monograph. In contrast to research papers, this will be a collection of talks and articles told from the perspective of relevant scientists. This will be based off a special session at the Upcoming 37th AMS Conference on Radar Meteorology.

Support for AMS statements

We will continue to support the AMS statements on frequency allocation as it pertains to atmospheric remote sensing. Committee member Prof. Bob Palmer is currently serving on a National Research Council board (http://sites.nationalacademies.org/BPA/BPA_082326) to survey and report on the active uses of the radio spectrum for science. Bob will be emphasizing the spectral needs for observations of severe weather, clouds, clear air turbulence, and the upper atmosphere. The report will recommend preserving current frequency allocations due to the inherent wavelength requirements set by the fundamental physics of atmospheric scattering.

Cross Board/Committee joint sessions

In the past, we have worked closely with the Mesoscale STAC in planning a joint specialty conference in 2005. We will evaluate our options in 2016 and 2017 to host a joint conference or special session at AMS with the Laser Atmospheric Studies, Satellite Meteorology, Aviation, and Mesoscale Processes STAC committees.

Cross Commission support

We will support AMS activities as necessary, including potential policy statements that cut across multiple boards. No activities have been identified at this time.

Participation in special AMS programs (e.g. Policy Program, Washington Forum)

Based on the evolution of radio frequency allocation issues, we may become active in these AMS programs.

Planned Board/ Committee and Society award nominations (without naming the nominee)

We will nominate a member of the radar meteorology community for the AMS Remote Sensing Prize in 2015.

Weatherfest participation

Our committee to date has not been involved in Weatherfest. We will evaluate our opportunities to participate with the organizers of the activity for the 2016 Annual Meeting. Committee member Angela Rowe will follow up.

Communications and outreach activities

We are in the process of putting together a revamped radar meteorology community webpage with links to current radar products, training materials, research web sites, and information about radar conferences past and present. This page will continue to expand over the next 5 years.

We plan on publishing a compendium of the history of radar meteorology in the next two years. We have identified a subcommittee to begin work on this project. This project will begin with a special session at the 37th Conference on Radar Meteorology with invited speakers, presentations and poster sessions, and will include a web site.

32. Satellite Meteorology, Oceanography, and Climatology – Ken Carey

2014

- Participate in the 2014 EUMETSAT Satellite Conference; co-chair one or more sessions; help organize a special session on societal benefits of satellite data
- Participate in the 5th Asia-Oceania Satellite Meteorology User's Conference
- Organize the 20th Conference on Satellite Meteorology and Oceanography, 11th Symposium on New Generation Operational Environmental Satellite Systems, and 3rd AMS Symposium on the Joint Center for Satellite Data Assimilation (JCSDA), 4-8 January 2015, Phoenix, Arizona
- Help organize the 2015 NOAA Satellite Conference
- Support the AMS awards process by considering submissions of Fellow, Remote Sensing Prize and bi-annual Satellite Committee awards
- Consider a state of science seminar or presentation at the 2015 AMS Annual Meeting

2015

- Participate in the 2015 EUMETSAT Satellite Conference; co-chair one or more sessions; help organize a special session on societal benefits of satellite data
- Participate in the 6th Asia-Oceania Satellite Meteorology User's Conference; begin organization for the 7th Asia-Oceania/2nd AMS Satellite Meteorology User's Conference
- Participate and support the 2015 NOAA Satellite Conference
- Support the AMS awards process by considering submissions of Fellow, Remote Sensing Prize and bi-annual Satellite Committee awards
- Consider a conference report on progress in addressing gaps in polar-orbiting satellite, Decadal survey missions, or assessments of US satellite programs.
- Organize a workshop or short course at the AMS Annual Meeting targeted at users
- Organize a special session at EUMETSAT/NOAA/Asia-Oceania satellite user conferences to address the benefits of three orbits of satellite constellation to NWP. The session should be more focusing on OSE using past missions (e.g. NOAA-15/16/17) and the current (FY3/METOP/SNPP) etc.
- Leverage SatMOC committee to address fundamental issues in satellite remote sensing and applications
- Help regional satellite conferences to focus on their data dissemination, regional coordination/collaborations, and specific applications

2016

- Participate in the 2016 EUMETSAT Satellite Conference; co-chair one or more sessions; help organize a special session on societal benefits of satellite data
- Organize and participate in the Joint 7th Asia-Oceania/2nd AMS Satellite Meteorology User's Conference
- Organize the 21st AMS Satellite Meteorology Conference
- Help organize the 2017 NOAA Satellite Conference
- Support the AMS awards process by considering submissions of Fellow, Remote Sensing Prize and bi-annual Satellite Committee awards

- Organize a workshop or short course at the AMS Annual Meeting targeted at users
- Consider a conference report on progress in addressing gaps in polar-orbiting satellite, Decadal survey missions, or assessments of US satellite programs
- Leverage SatMOC committee to address fundamental issues in satellite remote sensing and applications
- Help regional satellite conferences to focus on their data dissemination, regional coordination/collaborations, and specific applications

2017

- Participate in the 2017 EUMETSAT Satellite Conference; co-chair one or more sessions; help organize a special session on societal benefits of satellite data; plan for the Joint 2019 EUMETSAT-22nd AMS Satellite Conference
- Participate in the 8th Asia-Oceania Satellite Meteorology User's Conference
- Participate and support the 2017 NOAA Satellite Conference
- Support the AMS awards process by considering submissions of Fellow, Remote Sensing Prize and bi-annual Satellite Committee awards
- Organize a workshop or short course at the AMS Annual Meeting targeted at users
- Consider a conference report on progress in addressing gaps in polar-orbiting satellite, Decadal survey missions, or assessments of US satellite programs
- Leverage SatMOC committee to address fundamental issues in satellite remote sensing and applications
- Help regional satellite conferences to focus on their data dissemination, regional coordination/collaborations, and specific applications

2018

- Participate in the 2018 EUMETSAT Satellite Conference; plan for the Joint 2019 EUMETSAT-22nd AMS Satellite Conference
- Participate in the 9th Asia-Oceania/2nd AMS Satellite Meteorology User's Conference
- Organize the 22nd Conference on Satellite Meteorology and Oceanography in conjunction with the 98th AMS Annual Meeting
- Help organize the 2019 NOAA Satellite Conference
- Support the AMS awards process by considering submissions of Fellow, Remote Sensing Prize and bi-annual Satellite Committee awards
- Organize a workshop or short course at the AMS Annual Meeting targeted at users
- Consider a conference report on progress in addressing gaps in polar-orbiting satellite, Decadal survey missions, or assessments of US satellite programs
- Leverage SatMOC committee to address fundamental issues in satellite remote sensing and applications
- Help regional satellite conferences to focus on their data dissemination, regional coordination/collaborations, and specific applications

33. Severe Local Storms – Dan Miller

34. Space Weather - Bob McCoy

35. Tropical Meteorology and Tropical Cyclones – Patrick Harr

36. Weather Analysis and Forecasting – Bruce Telfeyan

2014:

1. Participate in judging the Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award and Francis W. Reichelderfer Award.
2. August: Chair sessions at the Mountain Meteorology Conference in San Diego, CA.
3. Complete AMS WAF Statement revision and obtain AMS Council approval.
4. Prepare for 27th WAF and 23rd NWP Conference for summer, 2015, Denver, CO.
5. Prepare to co-host (with BOGM) THM at Annual Meeting in Phoenix, Jan, 2015.
6. Recruit new members, new student members, and (if needed) decide on new committee chair.
7. Continue review of suggested additions/revisions to the AMS GoM.
8. Maintain AMS WAF Facebook page and other social media efforts.
9. Review and update AMS WAF webpage.
10. Elicit nominations for AMS Fellows, Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award, and Francis W. Reichelderfer Award.

2015:

1. CO-host THM at Annual Meeting in Phoenix.
2. Participate in judging the Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award and Francis W. Reichelderfer Award.
3. Conduct 27th WAF and 23rd NWP Conference for summer, 2015, Denver, CO.
4. Prepare for possible role in 2016 Annual Meeting in New Orleans.
5. Continue review of suggested additions/revisions to the AMS GoM.
6. Advocate for ESP, Mitchell and Reichelderfer Award nominations. Consider possible AMS Fellow nominations.
7. Maintain AMS WAF Facebook page and other social media efforts.
8. Review options for participating in 2016 Annual Meeting in New Orleans.
9. Review and update AMS WAF webpage.
10. Elicit nominations for AMS Fellows, Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award, and Francis W. Reichelderfer Award.

2016:

1. Participate in judging the Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award and Francis W. Reichelderfer Award.
2. Continue review of suggested additions/revisions to the AMS GoM.
3. Advocate for ESP, Mitchell and Reichelderfer Award nominations. Consider possible AMS Fellow nominations.
4. Maintain AMS WAF Facebook page and other social media efforts.
5. Review and update AMS WAF webpage.
6. Elicit nominations for AMS Fellows, Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award, and Francis W. Reichelderfer Award.

2017:

1. Conduct 28th WAF and 24th NWP Conference in concert with Annual Meeting in Seattle, WA.
2. Participate in judging the Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award and Francis W. Reichelderfer Award.
3. Continue review of suggested additions/revisions to the AMS GoM.
4. Advocate for ESP, Mitchell and Reichelderfer Award nominations. Consider possible AMS Fellow nominations.
5. Maintain AMS WAF Facebook page and other social media efforts.
6. Review options for participating in 2018 Annual Meeting in Austin.
7. Review and update AMS WAF webpage.
8. Elicit nominations for AMS Fellows, Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award, and Francis W. Reichelderfer Award.

2018:

1. Participate in judging the Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award and Francis W. Reichelderfer Award.
2. Continue review of suggested additions/revisions to the AMS GoM.
3. Advocate for ESP, Mitchell and Reichelderfer Award nominations. Consider possible AMS Fellow nominations.
4. Maintain AMS WAF Facebook page.
5. Review options for participating in 2019 Annual Meeting in Phoenix.
6. Review and update AMS WAF webpage and other social media efforts.
7. Commence preparations for five year review of AMS WAF Statement: recruit a drafting committee.
8. Elicit nominations for AMS Fellows, Exceptional Specific Prediction (ESP) Award, Charles L. Mitchell Award, and Francis W. Reichelderfer Award.