AMS STAC Chairs
Annual Meeting 2022

Ankur Desai, Commissioner
Genene Fisher, Past Commissioner
Kristie Franz, Future Commissioner
Feb 4, 2022
Agenda

Welcome (5 min)

General announcements (5 min)

Panel on STAC role in AMS statements (30 min)

Future of Meetings task force (15 min)

Welcome from new AMS executive director (10 min)

Visits from other AMS staff: policy, meetings, engagement, others (15 min)

Open Q&A (5 min)

Adjourn
What is AMS?
Who is STAC?

438 members on 36 boards and committees - the largest commission

11% students

41% women (36% for chairs, 50% for students)

64% academia, 34% government, 2% private sector

79% AMS members

93% from US (biggest states CO, MD, CA)

Responsible for many key activities of AMS: most meetings, contribution to statements, webinars and short courses, awards (AMS and STAC), engagement of membership in policy, enterprise, profession, publications, training

3 Commissioners who oversee
Genene Fisher as Contact

• Board on Data Stewardship
• Board on Atmospheric Biogeosciences
• Board on Environment and Health
• Board on Societal Impacts
• Committee on Applied Climatology
• Committee on Meteorological Aspects of Air Pollution
• Committee on Meteorology and Oceanography of the Southern Hemisphere
• Committee on Polar Meteorology and Oceanography
• Committee on Probability and Statistics
• Committee on Atmospheric and Oceanic Fluid Dynamics
• Committee on Space Weather
Kristie Franz as Contact

• Board on Environmental Information Processing Technologies
• Board on the Urban Environment
• Committee on Air-Sea Interactions
• Committee on Aviation, Range, & Aerospace Meteorology
• Committee on Hydrology
• Committee on Measurements
• Committee on Mesoscale Processes
• Committee on Mountain Meteorology
• Committee on Satellite Meteorology, Oceanography, and Climatology
• Committee on Severe Local Storms
• Committee on Tropical Meteorology & Tropical Cyclones
• Committee on Weather Analysis and Forecasting
Ankur Desai as Contact

• Committee on Artificial Intelligence Applications to Environmental Science
• Committee on Atmospheric Chemistry
• Committee on Atmospheric Electricity
• Committee on Atmospheric Radiation
• Committee on Boundary Layers and Turbulence
• Committee on Cloud Physics
• Committee on Coastal Environment
• Committee on Laser Atmospheric Studies
• Committee on Middle Atmosphere
• Committee on Planned and Inadvertent Weather Modification
• Committee on Radar Meteorology
• Committee on Agricultural and Forest Meteorology
Departing Chairs

Kerry Cook - Climate Variability and Change
Xianglei Huang - Atmospheric Radiation
Jeffrey Mirocha - Boundary Layers and Turbulence
Sarah Tessenforf - Planned and Inadvertent Weather Modification
Heping Liu - Agricultural and Forest Meteorology
Scott Landolt - Measurements
Scott Bruan - Tropical Meteorology and Tropical Cyclones
New Chairs

Wassila Thiaw - Climate Variability and Change
Eli Bou Zeid - Boundary Layers and Turbulence
Nick Dawson - Planned and Inadvertent Weather Modification
Paul Stoy - Agricultural and Forest Meteorology
Reid Hansen - Measurements
Hui Su - Tropical Meteorology and Tropical Cyclones
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<thead>
<tr>
<th>Type</th>
<th>Nominee</th>
<th>Board/Committee</th>
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<tbody>
<tr>
<td>STAC Outstanding Early Career Award</td>
<td>John T Allen</td>
<td>Committee on Weather Analysis and Forecasting</td>
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<tr>
<td>STAC Outstanding Service Award</td>
<td>Jeffrey Collett</td>
<td>Committee on Atmospheric Chemistry</td>
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<td>STAC Outstanding Service Award</td>
<td>Kristie Ebi</td>
<td>Board on Environment and Health</td>
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<td>STAC Outstanding Service Award</td>
<td>Sujay Kumar</td>
<td>Committee on Hydrology</td>
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<td>STAC Outstanding Early Career Award</td>
<td>Ashley Matheny</td>
<td>Committee on Agricultural and Forest Meteorology</td>
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<td>STAC Outstanding Early Career Award</td>
<td>Amanda Maycock</td>
<td>Committee on Middle Atmosphere</td>
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<td>STAC Outstanding Early Career Award</td>
<td>Angie Pendergrass</td>
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<td>STAC Outstanding Early Career Award</td>
<td>Joseph Ripberger</td>
<td>Board on Societal Impacts</td>
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<tr>
<td>STAC Outstanding Early Career Award</td>
<td>David Bodine</td>
<td>Committee on Radar Meteorology</td>
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<tr>
<td>STAC Distinguished Scientific/Technological Accomplishment Award</td>
<td>Masataka Murakami</td>
<td>Committee on Planned and Inadvertent Weather Modification</td>
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How to be a STAC chair or vice-chair

Just about all you need is here:

https://www.ametsoc.org/index.cfm/stac/chair-member-information/

Best Practices
Membership Updates
Conference Reports
STAC Award nomination
Website editing

Code of conduct:
https://www.ametsoc.org/index.cfm/ams/about-ams/ams-organization-and-administration/ams-code-of-conduct/

Volunteer portal:
http://ametsoc.informz.net/z/cjUucD9taT0xMDA4NzIxMyZwPTEmdT0xMDkyNDUyMjYwJmxpPTg3NjgxMzI3/index.html
How we communicate

AMS Community (for chairs, whole commission, and for your committee/board)
This annual meeting (Jan/Feb)
Bi-annual telecons (May/Oct) and quarterly newsletter (Feb/May/Aug/Nov)
Visits to your STAC committee meetings, virtual or in-person (invite us)
Email us - conduit to AMS staff, council, and other commissions
Reports from you: 5-year strategic plans, annual updates
Conference reports: https://forms.gle/AxWoPz6928dfkkEr8
Panel on AMS Statements

https://www.ametsoc.org/index.cfm/aMS/about-ams/ams-statements/

Clark Evans, Weather Analysis and Forecasting

Kerry Cook, Climate Variability and Change

Doug Schuster, Board on Data Stewardship
AMS Statement on Weather Analysis and Forecasting

Clark Evans (evans36@uwm.edu)
Chair, Weather Analysis & Forecasting Committee
Background

• The prior Statement on Weather Analysis and Forecasting, which took effect in 2015, resulted from a painful, laborious process.
  o The revision took nearly three years, from an approved precis in April 2012 to AMS Council approval in March 2015, to complete!
  o The drafting committee contained ten members (including me), but their ability to engage varied substantially over the lengthy drafting period.
  o Needless to say, the Weather Analysis and Forecasting Committee was not looking forward to the process of revising this statement again!

• In late September 2020, just as we’re beginning a leadership transition, we received word that it’s time to revise the Statement.
  o In the words of our outgoing Chair, Becky Adams-Selin, “Hoo boy, am I glad to be retiring this year.”
This Time Around… (a/k/a What Worked Well)

• We assembled a large, diverse statement team.
  o The Guidance for Statements of the AMS indicates the drafting team should have 6-10 members. Our team consisted of 22 members.
  o The AMS Statement volunteer portal and targeted outreach to individuals and other Boards and Committees allowed us to assemble a diverse team, particularly across sectors and disciplines.
  o This process took a while, though – almost seven months from start to end.

• We divided the existing statement into subsections, with each drafting team member assisting with revising two subsections.
  o This arrangement provided for focused discussions involving diverse stakeholders on small, manageable portions of the Statement.
  o Since drafting team members assisted with multiple subsections, discussions benefitted from insights team members could bring from the other working group on which they were serving.
This Time Around... (a/k/a What Worked Well)

• We established realistic, but only as long as was absolutely necessary, timelines for each drafting subcommittee to complete their work.
  o Each drafting subcommittee was allotted six weeks to prepare their revised drafts. All of them met this timeline with relatively minimal prodding! Having strong subcommittee leaders helped a lot.

• We established an Oversight team charged with collating the individual subsections into a coherent narrative and addressing all subsequent revisions.
  o I selected three people to assist me on this team: the WAF Committee Vice Chair and two colleagues with whom I had extensively worked on a review article published in *Monthly Weather Review*.
  o This small, dedicated team of experienced individuals enabled the collation and revision processes to occur far more smoothly than they did with the 2015 Statement.

• Altogether, it took just 15 months from initial notification of the need to revise the Statement to final AMS Council approval.
AMS Statement Process - Software Preservation, Stewardship and Reuse

- Recommendations
  - Determine why the proposed statement is needed – What challenge is being addressed?
  - What’s the best fit? Policy, Informational, Professional Guidance?
  - Recruit collaborators to assist in developing a statement proposal
    - Likely to participate on the formal drafting committee as well
  - Develop and recruit a diverse drafting committee who will be engaged and available
    - Volunteers/suggestions from STAC board(s)/committee(s)
      - Include reps from private, public, education and nonprofit sectors
      - Solicit a volunteer from AMS council
    - Work with a subset of the drafting committee to iterate on developing the statement text
    - Iterate with the full committee to finalize the text
    - Do most of the work offline, and meet to discuss major issues
  - Allocate adequate time for drafting activities and meetings

STAC Board on Data Stewardship
AMS Statement Process - Software Preservation, Stewardship and Reuse

• Challenges
  • Suggested statement drafting timeline (8 months) may be challenging to meet, depending on the scope/complexity of the statement
  • Need better publicize availability of 30-day member comment period, we received no public feedback, but extensive feedback from AMS council
  • AMS should mint Digital Object Identifiers to policy statements (archived in a repository), to better facilitate citation and version control
Future of Meetings Task Force

Initiated by Planning Commision

Chaired by Tanja Fransen

Meetings are an essential way that AMS meets its strategic goals. The AMS currently has a mix of specialty meetings focused on one discipline, forums, summer community cross-sector meeting, an annual meeting that can encompass several specialty meetings along with other community-wide sessions, and other international meetings. Meetings are essential for the exchange of scientific ideas and preliminary results, for networking among AMS members, for cross-sector discussion and collaboration, for outreach by the society to local communities, for honoring esteemed members, for conducting AMS business, and for creating a sense of belonging and inclusion within the Society. With virtual formats recently becoming a potentially viable alternative to being in person, the Society needs to consider the nature of meetings going forward.
New AMS leadership

Stella Kafka, AMS Executive Director

Richard Clark, AMS President 2022
Meetings

Jen Ives, AMS Meetings Director

- List of Meetings:
  [https://docs.google.com/spreadsheets/d/1U6R2sf765G9H-PBtoRjP2DJK6_LWKljSXpBDZKBBLwg/edit#gid=2069366455](https://docs.google.com/spreadsheets/d/1U6R2sf765G9H-PBtoRjP2DJK6_LWKljSXpBDZKBBLwg/edit#gid=2069366455)

Future Annual Meetings: [https://www.ametsoc.org/index.cfm/ams/meetings-events/upcoming-meetings/annual-meeting/](https://www.ametsoc.org/index.cfm/ams/meetings-events/upcoming-meetings/annual-meeting/)

- Hybrid Meetings
- 102nd Annual Meeting Feedback:
  - Final 2022 Program Chair Monthly Planning Call - 14 February at noon EST
  - Survey (deadline is 15 February): [http://ametsoc.informz.net/z/ciUucD9taT0xMDQyODc5MSZwPTEmdT0xMDcxODk0MzQ4JmxpPTkyNTMzNjc2/index.html](http://ametsoc.informz.net/z/ciUucD9taT0xMDQyODc5MSZwPTEmdT0xMDcxODk0MzQ4JmxpPTkyNTMzNjc2/index.html)

  - Preliminary List of Conferences: [https://docs.google.com/spreadsheets/d/1Obp3ydzN3eSkFoS2nUaQ5c58tBIAHMOTs-Vm0s8dvfM/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1Obp3ydzN3eSkFoS2nUaQ5c58tBIAHMOTs-Vm0s8dvfM/edit?usp=sharing)
  - Form to Request Participation as a Conference/Symposium: [https://docs.google.com/forms/d/e/1FAIpQLSesq50VH2fWYd8_b4y_E8JKugcq_La27bHX4teWoWWVjO0KIQ/viewform?usp=sf_link](https://docs.google.com/forms/d/e/1FAIpQLSesq50VH2fWYd8_b4y_E8JKugcq_La27bHX4teWoWWVjO0KIQ/viewform?usp=sf_link)
  - 2023 Program Chair Monthly Planning Calls - begin in March

- New Program Chair Training - TBA
Other AMS Visits

Policy
Community Engagement
Education
Open Q&A