

AMS STAC Chairs Annual Meeting 2025

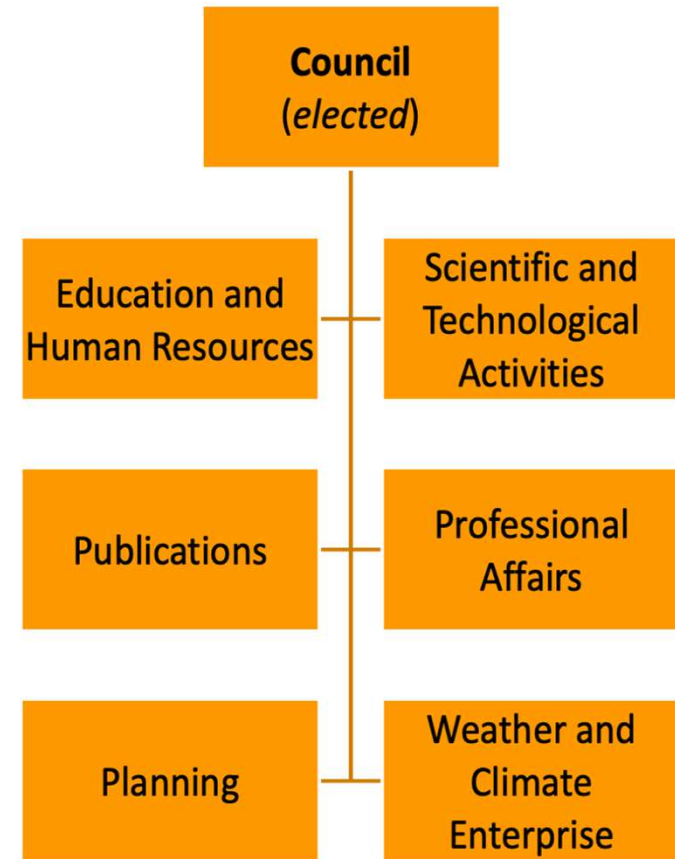
Kristie Franz, Commissioner
Ankur Desai, Past Commissioner
Clark Evans, Incoming Commissioner
January 12, 2025

Agenda

- 11:00 am Welcome and introductions
 - 11:15 am Information and reminders
 - 11:55 am Group photo
 - 12:00 pm Working Lunch
 - 12:30 pm Report back from lunch group work + AMS leadership visits
 - 12:45 pm Discussion on membership recruitment process
 - 1:05 pm Discussion on Chair/Vice Chair roles
 - 1:25 pm Discussion on Commissioner to Chair communications
 - 1:45 pm Open discussion and final thoughts
 - 2:00 pm Adjourn
-

What is STAC

- The Scientific and Technological Activities Commission
- One of 6 commissions
- Responsible for many key activities of AMS: most meetings, contribution to statements, webinars, volunteer opportunities, named session/symposia, glossary of meteorology, short courses, awards (AMS, STAC, student), and membership engagement in policy, enterprise, profession, publications, training.



Who is STAC?

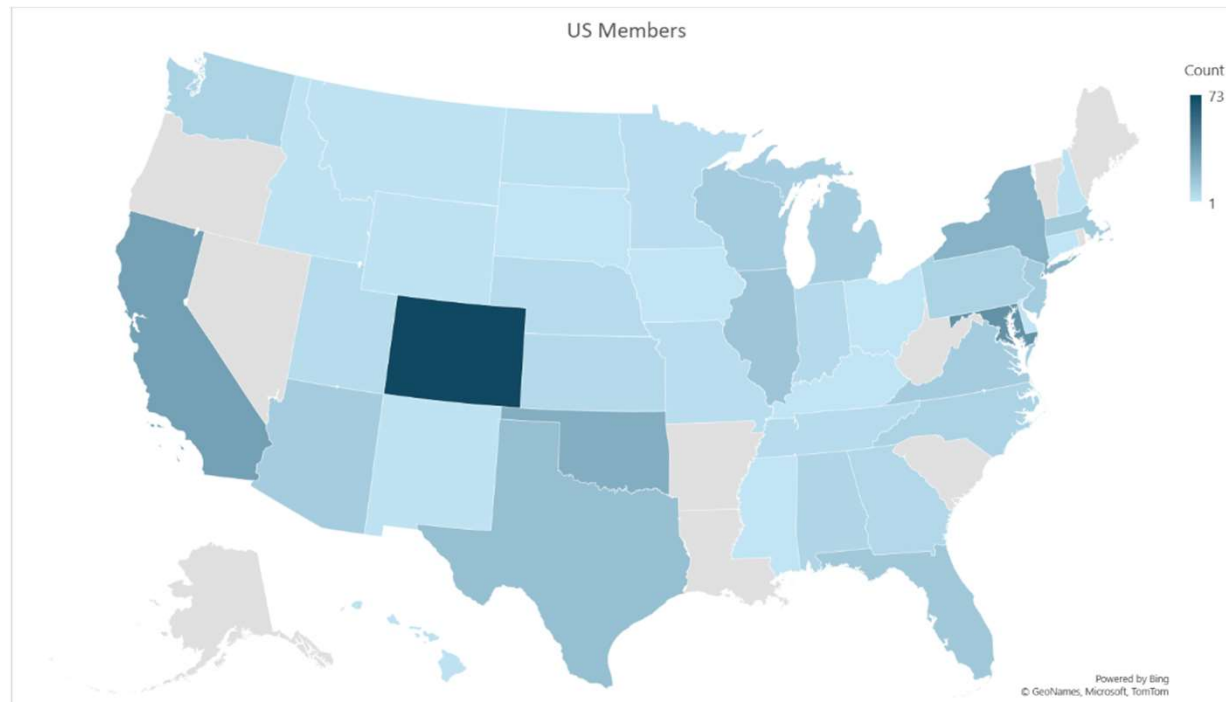
STAC is the largest of AMS's Commissions!

- 456 members on 6 boards and 30 committees
- 403 regular members and 53 student members
- *STAC represents over 1/3 of all AMS volunteers!*

Relative to 2023, government, private sector, and international representation is up whereas academic representation is down.

Affiliation	Count	Percent
Academic	189	42%
Government	133	29%
Private Sector	20	4%
Student	53	12%
International	43	9%
<u>Blank</u>	<u>18</u>	<u>4%</u>
Grand Total	456	--

Where is STAC?



+ Europe (18), Asia (7), Australia (5), Canada (8), South America (2), Africa (2)

Leadership and Transitions

STAC has three Commissioners, with each holding their position for 2 years (for a total of a six-year commitment).

Commissioner roles will shift at this meeting:

Kristie Franz, Commissioner -> becomes Past Commissioner

Clark Evans, Incoming Commissioner -> becomes Commissioner

Ankur Desai, Past Commissioner -> rotates off

Stephen Bieda -> becomes Incoming Commissioner

Thank you, Ankur!



Ankur's six years of service as a STAC Commissioner (and years of service in STAC before then!) conclude with this Annual Meeting.

Thank you for your dedication, leadership, guidance, and support – we wish you all the best and hope you'll stay in touch!



Welcome, Stephen!



Stephen Bieda joins us as the new STAC Incoming Commissioner as of the conclusion of this Annual Meeting.

Stephen has served on the Committee on Weather Analysis and Forecasting for five years, including as its Chair for the last two years. He has also served as a member and chair of the Board for Operational Government Meteorologists.



Clark Evans, contact for:

clark.evans@noaa.gov (please note updated address!)

- Board on Data Stewardship
 - Board on Atmospheric Biogeosciences
 - Board on Environment and Health
 - Board on Societal Impacts
 - Committee on Applied Climatology
 - Committee on Climate Variability and Change
 - Committee on Meteorological Aspects of Air Pollution
 - Committee on Polar Meteorology and Oceanography
 - Committee on Probability and Statistics
 - Committee on Atmospheric and Oceanic Fluid Dynamics
 - Committee on Space Weather
 - Committee on Weather Analysis and Forecasting
-

Kristie Franz, contact for:

kfranz@iastate.edu

- 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 Meteorology and Oceanography of the Southern Hemisphere
 - Committee on Mountain Meteorology
 - Committee on Satellite Meteorology, Oceanography, and Climatology
 - Committee on Severe Local Storms
 - Committee on Tropical Meteorology & Tropical Cyclones
-

Stephen Bieda, contact for:

stephen.bieda@noaa.gov

- 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
-

How we communicate to you

- AMS Community – separate groups for Chairs and Vice Chairs, all Board and Committee members, and for each Board/Committee
- This annual meeting (Jan)
- Bi-annual telecons (May/Oct)
- Quarterly newsletter (Feb/May/Aug/Nov)

Stay tuned for this afternoon's discussion on Commissioner and B/C communication methods!



How you communicate to us

- Invite us to your STAC Board/Committee meetings, virtual or in-person
- **Email us** with questions – we are your conduit to AMS Staff, Council, and other Commissions
- **Email us** with membership updates
- Reports from you: annual updates, 5-year strategic plans
- Conference reports: <https://forms.gle/AxWoPz6928dfkkEr8>



Thank You to our Departing Chairs!

Wassila Thiaw — Committee on Climate Variability and Change

Zachary Lebo — Committee on Cloud Physics

Meg Fowler — Committee on Hydrology

Jens Redemann — Committee on Atmospheric Radiation

Kathryn Shontz — Committee on Satellite Meteorology, Oceanography, and Climatology

Victor Gensini — Committee on Severe Local Storms

Naoko Sakaeda — Committee on Tropical Meteorology and Tropical Cyclones

Stephen Bieda — Committee on Weather Analysis and Forecasting

Welcome to our Incoming Chairs!

Suzana Camargo — Committee on Climate Variability and Change

Adele Igel — Committee on Cloud Physics

Janice Bytheway — Committee on Hydrology

Maria Hakuba and Yolanda Shea — Committee on Atmospheric Radiation

Jason Apke — Committee on Satellite Meteorology, Oceanography, and Climatology

Chris Melick — Committee on Severe Local Storms

Allison Wing — Committee on Tropical Meteorology and Tropical Cyclones

Stephanie Avey — Committee on Weather Analysis and Forecasting

Please let us know if we've missed a leadership transition or if your Board/Committee has one that has not yet been reported!

Congratulations to the 2025 STAC Distinguished Scientific/Technological Accomplishment Awardees!

Eric C. Bruning	For significant contributions to the development, applications, and deployment of lightning visualization techniques for the operational and research communities.	Committee on Atmospheric Electricity
TBN	For exceptional contributions to the measurement of shortwave spectral radiation and leadership of CLARREO Pathfinder.	Committee on Atmospheric Radiation
Joannes Westerink	For pioneering community-driven global to channel unstructured mesh coastal ocean models with worldwide coastal flooding and resilience applications.	Committee on the Coastal Environment
Masatomo Fujiwara	For exceptional leadership of the SPARC Reanalysis Intercomparison Project and unremitting dedication to developing and evaluating middle atmosphere measurements.	Committee on the Middle Atmosphere
R. Paul Lawson	For the development and application of cloud particle sensors to study and advance cloud seeding and cloud physics research	Committee on Planned and Inadvertent Weather Modification
Thomas M. Hamill	For exceptional leadership in developing statistical forecasting methods and advancing meteorological research and operational weather prediction.	Committee on Probability and Statistics
Alexander Ryzhkov	For recurrent, impactful contributions to the AMS radar and weather communities that transformed and shaped fundamental research and operations.	Committee on Radar Meteorology

Congratulations to the 2025 STAC Outstanding Service Awardees!

Matthew J. Fronzak	For exceptional leadership and contributions to the AMS STAC Aviation, Range and Aerospace Meteorology committee.	Committee on Aviation, Range, and Aerospace Meteorology
Jing Tao	For outstanding and sustained effort in leading major service activities on the Committee on Hydrology.	Committee on Hydrology
James Yoe	For outstanding management, coordination, and organization of conferences, networking and DEI Engagement in the Satellite Meteorology, Oceanography and Climatology Committee.	Committee on Satellite Meteorology, Oceanography and Climatology
Mrutyunjay Mohapatra	For enhancing tropical cyclone prediction and warning systems in the Indian Ocean region through exceptional leadership and service.	Committee on Tropical Meteorology and Tropical Cyclones

Congratulations to the 2025 STAC Outstanding Early Career Awardees!

Castle Williamsburg	For dedication to the community and developments in application of social science to operational settings.	Board on Societal Impacts
E. Scott Krayenhoff	For outstanding contributions to advancing urban climate science research, particularly urban vegetation and heat exposure.	Board on the Urban Environment
TBN	For outstanding contribution on the interplay among waves, turbulence and microplastics at the ocean-atmosphere interface.	Committee on Air-Sea Interaction
Adeyemi Adebisi	For significant contributions to understanding coarse mode dust, above-cloud smoke, and their impacts on our climate system.	Committee on Atmospheric Chemistry
TBN	For outstanding research that advances and applies fundamental knowledge of atmospheric turbulence in the lower atmosphere.	Committee on Boundary Layers and Turbulence
Maria Almut Amata Rugenstein	For contributions to understanding of climate sensitivity and community leadership through LongRunMIP, Green's Function MIP, and the US CLIVAR Pattern Effect workshop.	Committee on Climate Variability and Change
TBN	For outstanding contributions to advancing data assimilation and ensemble methods for improved prediction of mesoscale processes.	Committee on Mesoscale Processes
Ayesha Wilkinson	For outstanding dedication to outreach, engagement, and diversity advocacy in the field of weather analysis and forecasting.	Committee on Weather Analysis and Forecasting

How to be a Board or Committee Chair / Vice-Chair

Just about all you need is here:

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

And in the Best Practices document:

<https://www.ametsoc.org/index.cfm/stac/chair-member-information/stac-board-committee-best-practices1/>

For most Boards and Committees, a Chair's major tasks are to lead the following:

- Completing conference reports
 - Maintain membership rosters
 - Organize STAC Award nominations
 - Maintaining the Board/Committee website (more on this shortly)
 - Engaging in annual/strategic planning
-

Announcements

- **Terms of Reference** – please review (and update) your Terms of Reference and ensure they are available on your B/C's website.
 - TOR (bylaws) versus Mission (purpose) may be a focus of an upcoming STAC chairs meeting
 - **Websites** – we're not aware of a formal timeline for restoring B/C direct website editing access. To help press the issue, we're asking each Chair to provide us with a statement supporting their B/C's need for editing access.
 - **Student Members** – AMS requires all B/Cs to have at least one student member (pg. 5, STAC Best Practices). If you do not currently have a student member, please begin to recruit one (and reach out for help as needed!).
-

Discussion Topics

Working lunch: Committee and Board activities

Board/Committee membership recruitment processes

Chair/Vice Chair roles

Commission $\leftrightarrow$ Chair/Vice Chair Communication



Group Photo



January 2024, Baltimore

Working Lunch

AMS Leadership and Staff Visits

AMS Leadership and Staff Visits

Anjuli Bamzai – AMS President

David Stensrud – AMS President-Elect

Brian Papa – AMS Executive Director (acting)

Stephanie Armstrong – Associate Executive Director, Head of Development

Jen Ives – Director of Meetings

Rebecca Perriello – Associate Director of Project Management and Operations

Claudia Gorski – Director of Community Engagement

Erica Callahan – Manager of Community Engagement

Brian Mardirosian – Director of Digital Technology and Products



Board/Committee Membership Recruitment Processes



Reminders – Board/Committee Membership

- No matter the method by which you select members, ***all*** membership changes go through your Commissioner contact.
- There are no deadlines for changes; contact us anytime.
- New Members
 - Submit the STAC membership nomination form and a short CV.
 - Members default to a 3-yr term, student members to a 2-yr term.
 - The default starting date is Jan 1 of current year if submitted before July 1, Jan 1 of following year if submitted afterwards.



Reminders – Board/Committee Membership

- Membership Renewals and Changes
 - Members can be renewed for a second term by informing your Commissioner contact; no nomination forms are necessary.
 - Members who are not renewed will automatically be removed from the Board or Committee at the end of their term.
 - Members can request to rotate off early if needed upon e-mail notification from the Board/Committee Chair (or designee) to your Commissioner contact.



Board/Committee Membership Recruitment Processes

- What process or processes are you using to recruit new members?
- How well is the AMS Volunteer Portal working for the B/Cs that are using it?
- How can we improve the process?



Chair/Vice Chair Roles

Chair/Vice Chair Roles

- How are you delegating responsibilities between Chair & Vice Chair?
- What is working well? What lessons have you learned?
- What term lengths are you using for each role?



Commissioner $\leftrightarrow$ Chair/Vice Chair
Communication

Commissioner ↔ Chair/Vice Chair Communication

- Are you receiving e-mails from us, particularly those from the AMS Community?
 - What is the best way to communicate with you - e-mail? AMS Community? Slack? Something else?
 - How useful do you find the Chair/Vice Chair meetings? What recommendations do you have for these meetings?
 - How useful do you find the STAC Newsletter? What recommendations do you have for the newsletter?
-

Open Discussion

