

AMS STAC Chairs Annual Meeting 2023

Ankur Desai, Commissioner

Genene Fisher, Past Commissioner

Kristie Franz, Future Commissioner

Jan 8, 2023

Agenda

11 am Welcome and STAC updates

11:20 am Future of meetings discussion with Clark Evans

11:40 am Board and committee strategic planning introduction with Kristie Franz

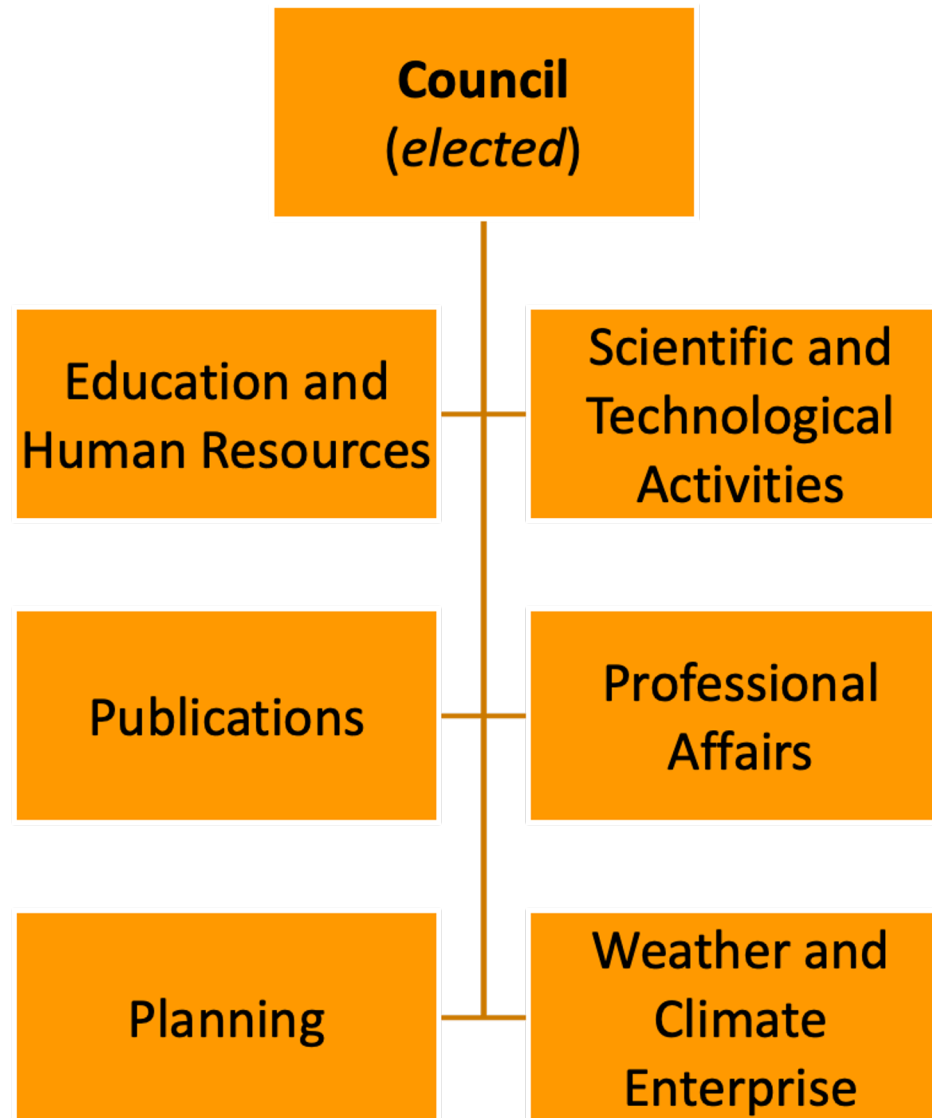
11:50 am Group photo

12:00 pm Lunch: Small group work on 5-year planning

1:00 pm Report back from lunch group work

1:15 pm Open discussion + AMS leadership visits

2:00 pm Adjourn



Who is STAC

408 members on 36 boards and committees - the largest commission

34% of all AMS volunteers!

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 engagement of membership in policy, enterprise, profession, publications, training

3 Commissioners who oversee

Who is STAC?

Row Labels	Female	Male	Blank	Grand Total
Chair	11	26		37
Co-Chairperson		1		1
Emeritus Chair	3			3
Member	122	169	10	301
Student Member	20	22		42
Vice-Chair	10	14		24
Grand Total	166	232	10	408

Member locations

Series1

56

1

+ EUROPE (14), EAST ASIA (5), AUSTRALIA (4), CANADA (3), ISRAEL (1)

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New Commissioner

Welcome Clark Evans, Professor of Atmospheric Science at UW-Milwaukee!

Outgoing chair of Weather Analysis and Forecasting STAC

Co-Chair of Future of Meetings Task Force



Thank you Genene Fisher!

Thank you for your six years of service to
AMS STAC!

Major accomplishments: STAC Awards,
growth of student/early career members,
updates to processes and websites



Clark Evans (formerly Genene) 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
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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
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Departing Chairs

Alice DuVivier - Committee on Polar Meteorology and Oceanography

David John Gagne - Committee on Artificial Intelligence Applications to Environmental Science

Jonathan Jiang - Committee on Atmospheric Chemistry

Scott Steiger - Committee on Atmospheric Electricity

Jesse Feyen - Committee on Coastal Environment

Scott Collis - Committee on Radar Meteorology

Paul Stoy - Committee on Agricultural and Forest Meteorology

David Richter - Committee on Air-Sea Interaction

John McHenry - Committee on Hydrology

Erin Munsell - Committee on Mesoscale Processes

Jana Houser - Committee on Severe Local Storms

Clark Evans - Committee on Weather Analysis and Forecasting

Incoming Chairs

Cecilia Peralta Ferriz and Claire Pettersen (co-chairs) - Committee on Polar Meteorology and Oceanography

TBN - Committee on Artificial Intelligence Applications to Environmental Science

TBN - Committee on Atmospheric Chemistry

Elizabeth DiGangi - Committee on Atmospheric Electricity

Yun Qian - Committee on Coastal Environment

Jim Kurdzo - Committee on Radar Meteorology

TBN - Committee on Agricultural and Forest Meteorology

TBN - Committee on Air-Sea Interaction

Meg Fowler - Committee on Hydrology

TBN - Committee on Mesoscale Processes

Victor Gensini - Committee on Severe Local Storms

Stephen Bieda - Committee on Weather Analysis and Forecasting



AMS STAC AWARDS 2023

STAC Awards (1/3)

STAC Outstanding Service Award	Melissa Burt	For exemplary achievement across the AMS and significant research contributions to building diversity, equity, inclusion, and belonging in STEM sciences	Board on Societal Impacts
STAC Outstanding Early Career Award	Katrina Virts	For innovative work in 3-D lightning mapping using Geostationary Lightning Mappers, allowing a more accurate global lightning picture	Committee on Atmospheric Electricity
STAC Distinguished Scientific/Technological Accomplishment Award	Lisa Goddard	For pioneering the translation of climate forecasts to decision-makers across the world and transforming the concept of climate services	Committee on Climate Variability and Change
STAC Distinguished Scientific/Technological Accomplishment Award	Richard Luettich, Jr.	For observing and modeling complex coastal environments to assess and predict ecological conditions and coastal hazards for the public interest	Committee on Coastal Environment

STAC Awards (2/3)

STAC Outstanding Early Career Award	TBN	TBN	Committee on Mesoscale Processes
STAC Distinguished Scientific/Technological Accomplishment Award	Roy M. Rasmussen	For significant contributions to weather modification research through leadership and advancement of tools and basic understanding of cloud physics	Committee on Planned and Inadvertent Weather Modification
STAC Distinguished Scientific/Technological Accomplishment Award	Phillip E. Shafer	For outstanding teamwork, mentoring, and contributions to the statistical forecasting program of the Meteorological Development Laboratory, National Weather Service	Committee on Probability and Statistics
STAC Distinguished Scientific/Technological Accomplishment Award	Zhuo Wang	For research in the mechanisms of tropical cyclogenesis, and leadership in facilitating cooperation of tropical cyclone research communities	Committee on Tropical Meteorology and Tropical Cyclones

STAC Awards (3/3)

STAC Distinguished Scientific/Technological Accomplishment Award	Xuguang Wang	For advances in ensemble data and observation assimilation methods that have improved numerical weather prediction systems	Committee on Weather Analysis and Forecasting
TBA	TBA	TBA	Committee on Mountain Meteorology
TBA	TBA	TBA	Committee on Severe Local Storms

Thank you for your nominations and awarding.

Next nomination cycle for 2024, due October 1, 2023.



How to be a STAC Chair / Vice-Chair

Just about all you need is here:

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

Best Practices <- Updated!

Membership Updates

Conference Reports

STAC Award nomination

Website editing <- Improved!



How we communicate

AMS Community (for chairs, whole commission, and for your committee/board)

This annual meeting (Jan)

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>

Future of Meetings

Clark Evans, co-chair
(with Scott Collis & Kenzie Krocak)

How should AMS meetings be organized, held, evaluated, and afforded for effective and sustainable scientific and technical exchange of ideas, development of collaborations, and building of inclusive community into the future?



Future of Meetings - Guiding Questions

1. Pros/cons of in-person vs. hybrid vs. virtual meetings, and recommendations for meeting formats that encourage connections and networking.
 2. How well are current meetings advancing the AMS's strategic goals, including producing meaningful engagement between members and with the AMS?
 3. How do our meetings compare with those of other societies? What are the unique benefits that AMS meetings could/should provide vs. other societies?
 4. Is there a better way to organize the Annual Meeting to make it easier to navigate and participate in, with more collaboration and less stovepiping?
 5. What should be considered when choosing in-person meeting locations so that they meet AMS's strategic goals? (plus carbon footprint + safety/wellness)
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Future of Meetings - Annual Meeting

Preliminary ideas...

- Devote part (25-50%?) of the program to interdisciplinary sessions.
- Restructure the AM organizing committee to include reps from all conferences and symposia at the AM & increase programmatic oversight by this committee.
- More use of alternative session formats such as discussions and breakouts.

Potential challenges...

- Prescriptive rather than suggestive or organically driven.
 - Could reduce presentation opps for younger/less-well-known scientists.
 - There is value in disciplinarity at the Annual Meeting.
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Future of Meetings - Next Steps

Two opportunities to provide feedback while in Denver...

- **Future of Meetings Town Hall** - Monday at 12:15p, Rm. 407 (will include a more-complete update on task force progress)
- **“Office Hours” with the Co-Chairs** - Wednesday at 3p, AMS Exhibit Hall booth

We expect to prepare an initial report, with recommendations, for the AMS Council’s consideration during winter 2023, with a final report later in 2023.

Strategic / Five-year plan

Kristie Franz

It is a best practice of AMS STAC boards and committees to develop and share strategic / long-term five year plans

How do we do that?

Strategic / Five-year plan

5 basic steps

1. Define your vision/mission
2. Assess where you are
3. Determine objectives needed to accomplish your vision
4. Define responsibilities and specific steps needed
5. Evaluate - set a timeline for assessment, identify what is working and what isn't, update and revise

Where does your committee fall in this list?

Strategic / Five-year plan

CHALLENGE: By next year, we challenge each committee to complete one or two steps!

1. Define your vision/mission

- a. What is the committee's purpose?
- b. What makes you relevant?
- c. What do you/should you/want to contribute and to whom?

2. Assess where you are:

- a. Strengths - what are you doing well, what are your resources?
 - b. Weaknesses - what do you wish you could do better, or what does your committee lack?
 - c. Opportunities - what can you leverage, what trends or existing efforts can you tie into?
 - d. Threats - what may hold your committee back, what are your challenges?
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Strategic / Five-year plan

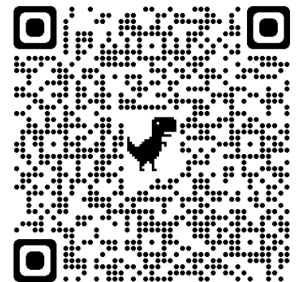
LUNCH ACTIVITY: At tables, form groups of chairs, at least some of whom have recently visited/discussed/updated 5-year plans or some in process of doing so (ask them!)

If your B/C needs to make one: Brainstorm a list of tasks or discuss strategies

If your B/C recently made one: Provide your sage advice

Recent example from Committee on Weather Analysis and Forecasting

<https://www.ametsoc.org/index.cfm/stac/committees/committee-on-weather-analysis-and-forecasting/>



Group Photo



Jan 2020 in Boston!

LUNCH

LUNCH ACTIVITY: At tables, form groups of chairs, at least some of whom have recently visited/discussed/updated 5-year plans or some in process of doing so (ask them!)

If your B/C needs to make one: Create outline/tasks/ideas for doing so

If your B/C recently made one: Create plan to sharing, evaluating, prioritizing



AMS Leadership Visits

Rich Clark - AMS President

Brad Colman - AMS President Elect

Stella Kafka - AMS Executive Director

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Paul Higgins - AMS Policy / Associate Exec Dir

Katy Putsavage - AMS DEI Director

Bruce Telfeyan - AMS Secretary / Treasurer

Jen Ives - Director of AMS Meetings

Brian Mardirosian - Director of AMS IT

Claudia Gorski - Director of AMS Community Engagement

Walt Dabbert - AMS International Academic Volunteer Committee Chair



AMS Meetings Updates

Jen Ives, Director of AMS Meetings

Upcoming speciality meetings:

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/>

2024 AMS Annual Meeting (28 January –1 February 2024) in Baltimore, MD,
Theme: "Living in a Changing Environment."

Global Partners Program

Walt Dabberdt, AMS International Academic Volunteer Committee Chair
wdabberdt@comcast.net



Open Discussion

