

AMS STAC Chairs May Meeting 2023

Kristie Franz, Commissioner
Ankur Desai, Past Commissioner
Clark Evans, Future Commissioner
May 19, 2023

Agenda

Welcome

General announcements

Discussion on AMS glossary

Reminder of who we are...

Scientific and Technological Activities Commission (STAC)

- Largest commission
 - 36 Boards and committees
 - 400+ members
- 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, glossary term reviews
- Three commissioners

Special reminder to follow the STAC twitter account [AMS_STAC](#)

Clark Evans as Contact

evans36@uwm.edu

- 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 as Contact

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

Ankur Desai as Contact

desai@aos.wisc.edu

- 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

Resources for STAC chairs or vice-chairs

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>

Announcements

STAC Awards

- <https://www.ametsoc.org/index.cfm/ams/about-ams/ams-awards-honors/awards/stac-level-award-information/>
- Three types: Early career, Distinguished Science/technological accomplishment, Service
- Each B/C can award up to 1 per year for 1 type
- DEADLINE: 1 October

AMS Awards

- Its review season!
- STAC has oversight on 11 society-level awards. Please make sure your committees are reviewing nominations, meeting, and making recommendations to Beth Farley by June 8, sooner the better.

Conference reports – please do them if you haven't already!

- <https://www.ametsoc.org/index.cfm/stac/chair-member-information/meetings/>
- Input from these will be provided to Future of Meetings Taskforce

Announcements

Adding new members

- You can nominate new members to us anytime using form online,
Start date set to prior January if nominated before July 1
Start date set to next January if nominated after July 1
Unless you tell us differently
- <https://www.ametsoc.org/index.cfm/stac/chair-member-information/membership/>

Web editing info sent by Ankur on 5/16.

Meetings

Jen Ives, AMS Meetings Director

2023 Specialty Meetings

17-19 April: Washington Forum in Washington, DC

1-4 May: 35th Conference on Agricultural and Forest Meteorology/14th Fire and Forest Meteorology Symposium/Sixth Conference on Biogeosciences in Minneapolis, MN

21-23 June: 50th Conference on Broadcast Meteorology in Phoenix, AZ

17-21 July : 32nd Conference on Weather Analysis and Forecasting (WAF)/28th Conference on Numerical Weather Prediction (NWP)/20th Conference on Mesoscale Processes in Madison, WI

28 August - 1 September: 40th Conference on Radar Meteorology in Minneapolis, MN

2024 Annual Meeting: 28 January - 1 February in Baltimore, MD and online

46 [Conferences and Symposia](#)

Abstract submission portal opening in June and closing on 24 August

2024 Specialty Meetings

TBD: Washington Forum in Washington, DC

6-10 May: 35th Conference on Hurricanes and Tropical Meteorology in Long Beach, CA

TBD: Autonomous Vehicles Summit in Ann Arbor, MI

TBD: 5 1st Conference on Broadcast Meteorology and Weather Warnings and Communications

TBD: Atmospheric and Oceanic Fluid Dynamics and Middle Atmosphere

TBD: 2 1st Conference on Mountain Meteorology

TBD: Severe Local Storms

[Holidays and Conflict Calendar](#)

2025 Annual Meeting: 12-16 January 2025 in New Orleans, LA

Future of Meetings Task Force

Discussion Topic: AMS Glossary

Brian Papa, Associate Executive Director at AMS

Ward Seguin, Chief Editor for AMS Glossary of Meteorology

AMS Glossary

- The glossary is the authoritative source for definitions of meteorological terms.
- The first edition of the Glossary of Meteorology was published by AMS in 1959. Containing 7900 terms, more than 10,000 copies sold over four decades through five printings.
- Preparation for the second edition started in the early 1990s. The current electronic version of the second edition contains more than 12,000 terms.
- The glossary has grown and continues to grow as the science of meteorology evolves.

Discussion Topic: AMS Glossary

General outline of discussion

Spanish glossary translation

- Currently in pilot testing phase
 - Progress, challenges, role for STAC
- Questions?

Reviewing and updating terms

- STAC reviews 30-40 terms per year
- Ward contacts glossary focal point on committee, or chair for assistance
- How do your committees manage the process? What works well? What are the challenges?
- Is the glossary focal point effective?
- Should review be by subcommittees or entire committee?
- Other thoughts and questions?

Spanish Translation of AMS Glossary of Meteorology

Background

- Council initiated project to have the AMS Glossary translated into Spanish at fall 2022 Council meeting
- Project charter approved by AMS Council at January 2023 Council meeting
- Goal is to fully translate the existing AMS Glossary of Meteorology into Spanish to be made freely available on a wiki-type platform similar to (or within) the existing English GoM.

Project Timeline

TASK	TIMELINE
EXPLORE PARTNERSHIPS AND COLLABORATIONS	2023
SECURE FUNDING	2023/2024
EVALUATE VENDOR SOLUTIONS AND COSTS FOR TRANSLATION AND HOSTING	Q1/Q2 2024
TRANSLATION OF GLOSSARY	2025*
DEVELOP AND IMPLEMENT VOLUNTEER AND TECHNICAL EDITING SUPPORT STRUCTURE	2025*
LAUNCH	2026*

Current Status

- Stella Kafka, AMS Executive Director, and Stephanie Armstrong, Associate Executive Director/head of Development, are securing funding from various source (corporate, partnership, grants, etc.)
- Rebecca Perriello, AMS Senior Project Manager, is managing the overall project and currently running a small pilot to assess translation costs, quality, and potential solutions
- Working with BRAID, CHALA, GoM Chief Editor, etc.
- Many open questions/uncertainties remain
 - Language variants
 - Possible Partnerships; other existing efforts
 - Terminology issues/questions
 - How best to involve Spanish speaking community?

Project Funding

- We currently estimate that the project will cost around \$500k

At this time, we currently have not secured any funding. This project will not move forward until funding has been secured.

How Can STAC Be Involved?

- Short term: Assist with 50-term prototype
 - Are there bilingual STAC board/committee members that could help assess the quality of translated terms?

- Long term: Maintenance of a new Spanish Glossary of Meteorology
 - Would STAC boards/committees be able to help with the long-term maintenance and updates to a Spanish glossary?
 - Assess translation of new terms, modifications to existing terms, etc. in collaboration with the English GoM EIC