



2021 STAC Chair Annual Meeting

January 5, 2021

Genene Fisher, STAC Commissioner

Bruce Telfeyan, Past STAC Commissioner

Ankur Desai, Incoming STAC Commissioner

Kristie Franz, New Incoming STAC Commissioner

Thanks to Departing Chairs - 1

- Timothy Griffis, Board on Atmospheric Biogeosciences, 2017 - 2021
- Kristie Ebi, Board on Environment and Health, 2018 - 2021
- Kathleen Sherman-Morris, Board on Societal Impacts, 2018 - 2021
- Trent Ford, Committee on Applied Climatology, 2018 - 2021
- Saravanan Arunachalam, Committee on Meteorological Aspects of Air Pollution, 2018 - 2021

Thanks to Departing Chairs - 2

- Elizabeth Satterfield, Committee on Probability and Statistics, 2018 - 2021
- Shafer Smith, Committee on Atmospheric and Oceanic Fluid Dynamics, 2018 - 2021
- Richard Behnke, Committee on Space Weather, 2016 - 2021
- James Campbell, Committee on Laser Atmospheric Studies, 2018 - 2021
- Amy Butler, Committee on Middle Atmosphere, 2018 - 2021

Thanks to Departing Chairs - 3

- Gretchen Mullendore, Committee on Mesoscale Processes, 2019 - 2021
- Justin Minder, Committee on Mountain Meteorology, 2018 - 2021
- Mitch Goldberg and Ken Holmlund, Committee on Satellite Meteorology, Oceanography, and Climatology, 2018 - 2021
- Curtis Alexander, Committee on Severe Local Storms, 2018 - 2021
- Rebecca Adams-Selin, Committee on Weather Analysis and Forecasting, 2018 - 2021

Welcome to New Chairs - 1

- Joe Alfieri, Board on Atmospheric Biogeosciences
- Jennifer Vanos, Board on Environment and Health
- Jennifer Henderson, Board on Societal Impacts
- Robb Randall, Committee on Applied Climatology
- Erik Kabelas, Committee on Meteorological Aspects of Air Pollution

Welcome to New Chairs - 2

- Tara Jensen, Committee on Probability and Statistics
- Yohai Kaspi, Committee on Atmospheric and Oceanic Fluid Dynamics
- Alec Engell, Committee on Space Weather
- Howard Diamond, Committee on Meteorology and Oceanography of the Southern Hemisphere
- John Yorks, Committee on Laser Atmospheric Studies
- Rei Ueyama, Committee on Middle Atmosphere

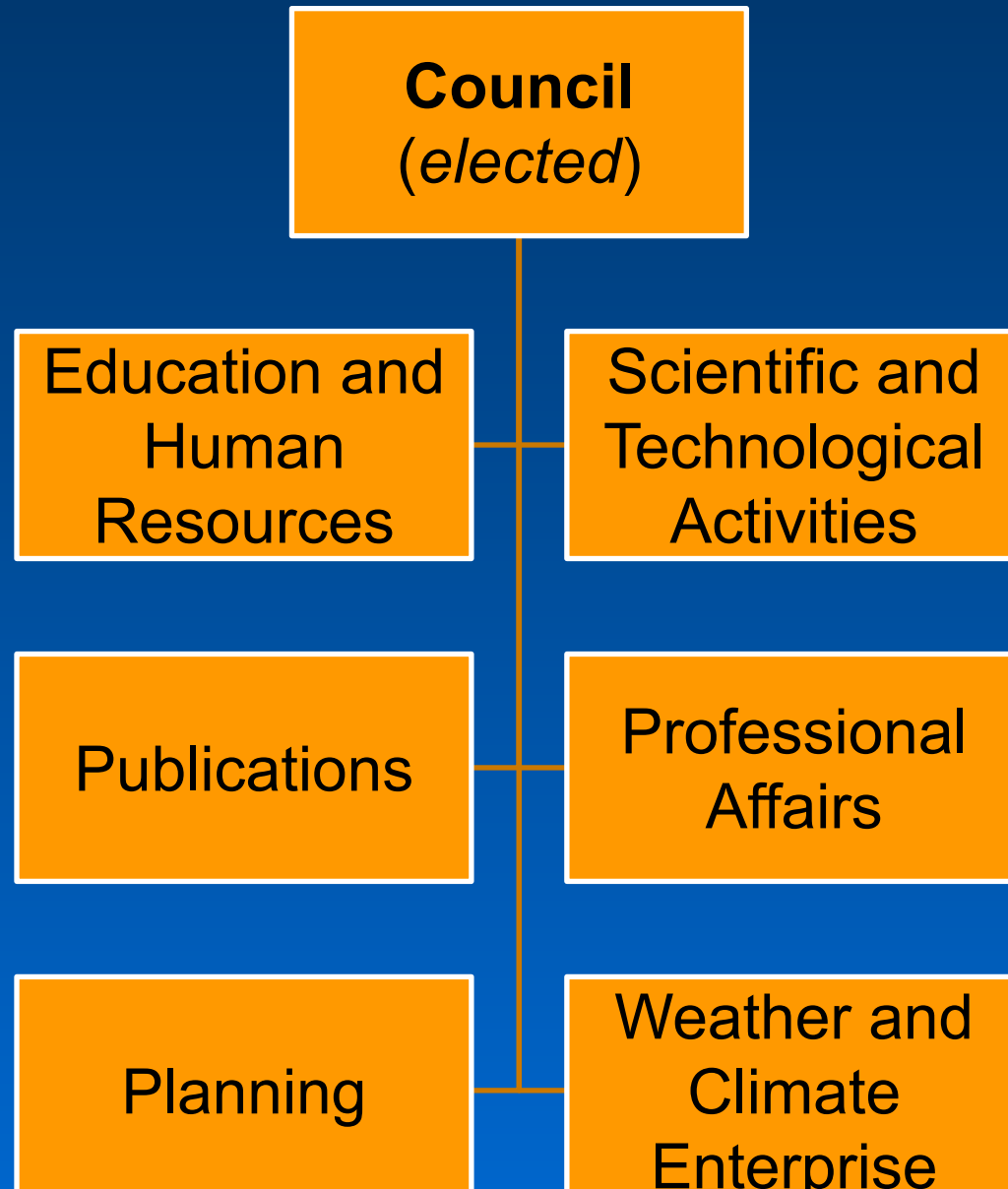
Welcome to New Chairs - 3

- Erin Munsell, Committee on Mesoscale Processes
- Ethan Gutmann, Committee on Mountain Meteorology
- Kathryn Shontz, Committee on Satellite Meteorology, Oceanography, and Climatology
- TBD, Committee on Severe Local Storms
- Clark Evans, Committee on Weather Analysis and Forecasting

Overview of STAC

Organizational Structure of the American Meteorological Society

Commissions



Genene Fisher as Prime Contact

- 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 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

Ankur Desai as Prime 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

Kristie Franz as Prime 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

STAC Membership

Sector	Number	Percent
Academia	234	52.3
Government	121	27.1
Private	22	4.9
Not Specified	70	15.7
TOTAL	447	100

Gender	Number	Percent
Male	282	63.1
Female	165	36.9

STAC Chairs & Vice-Chairs Membership

Sector	Number	Percent
Academia	33	54.1
Government	23	37.7
Private	5	8.2
TOTAL	61	100

Gender	Number	Percent
Male	40	65.6
Female	21	34.4

Suggested Best Practices for STAC Boards & Committees

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

1. Build Your Science Community
2. STAC Website
3. Periodic Required Chair and Committee Activities
4. Conferences and symposia
5. New Members and Renewals
6. Student Members
7. Leadership Transition
8. New Board/Committee Member Orientation
9. Involvement in the AMS Policy Process
10. Awards
11. Obtaining Assistance from the STAC Commissioners
12. AMS Community Forum
13. Assigned duties for B/C members
14. Contacting the AMS Staff

Conference Report Review

- 29 STAC-led conferences and symposia will be held at the 2021 Annual Meeting
- Rather than submitting a conference or symposium summary, B/C will submit Conference Report Reviews
- Please review [this](#) before your meeting to see the questions
- New form will allow not only to provide highlights of the meeting, but to also give feedback to AMS
- Please have the chair or another member be responsible for submitting this form a month after your meeting

Sharing Key Challenges & Best Practices

Committee on Mountain Meteorology

Ethan Gutmann and Justin Minder

- Organizing and implementing virtual AMS meetings

Board on Data Stewardship

Doug Schuster

- AMS Policy Statement process

Virtual Meeting Notes



AMS Mountain Met Meeting July 2020

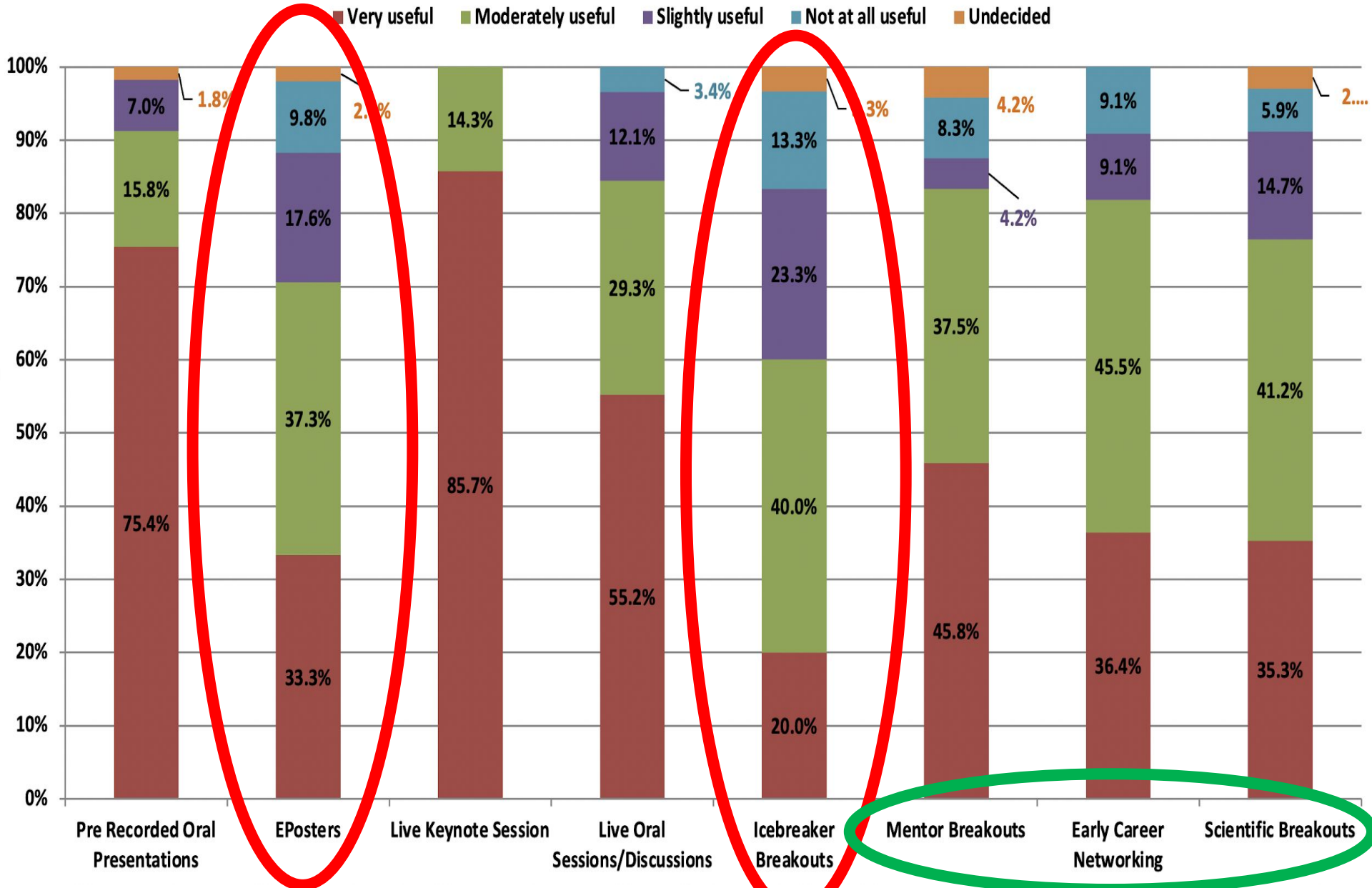
- Increased attendance! (nearly 2x)
 - low fee for attendee only
 - Diversity potential: waived fees for self-identified underrepresented
 - Global geographic diversity potential
- People were not ready for the pre-recorded thing... in 2021 it will be familiar
- Highly recommend a 1-minute live summary before Q-n-A
 - And stick to that 1-minute so there are 4-min of questions, we had more questions than in person, and often from different people than usual
- Networking was hard
 - 4 Zoom breakout sessions by career stage, science-topic, fun-topic, and a mentoring session
 - AGU-style Brain Dates?
- E-poster interactivity did not work well

Please rate your satisfaction with the following aspects of the virtual meeting platforms used for this conference:

Completely satisfied Moderately satisfied Slightly satisfied Not at all satisfied Undecided

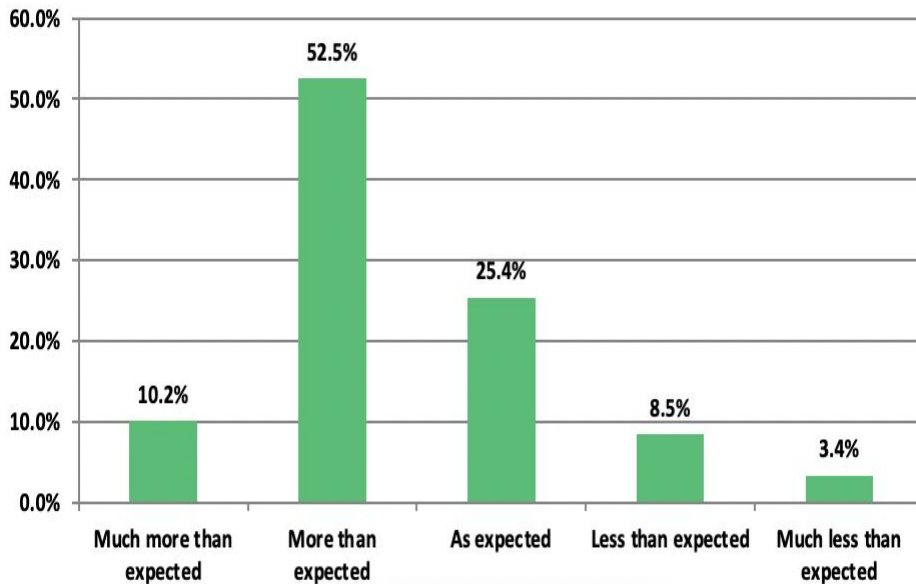


Please rate the usefulness of the following aspects of the conference program events during the week:

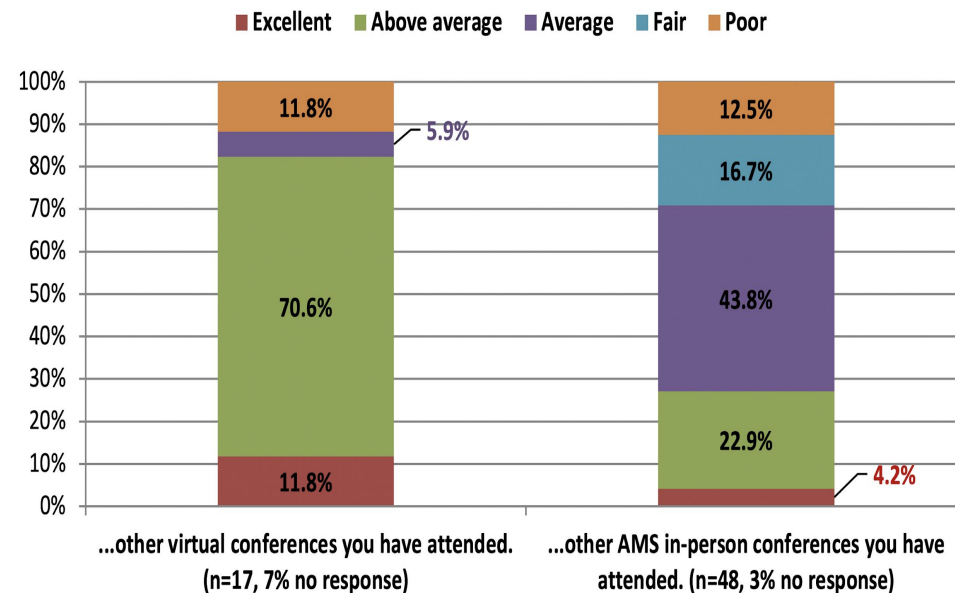


Overall Satisfaction

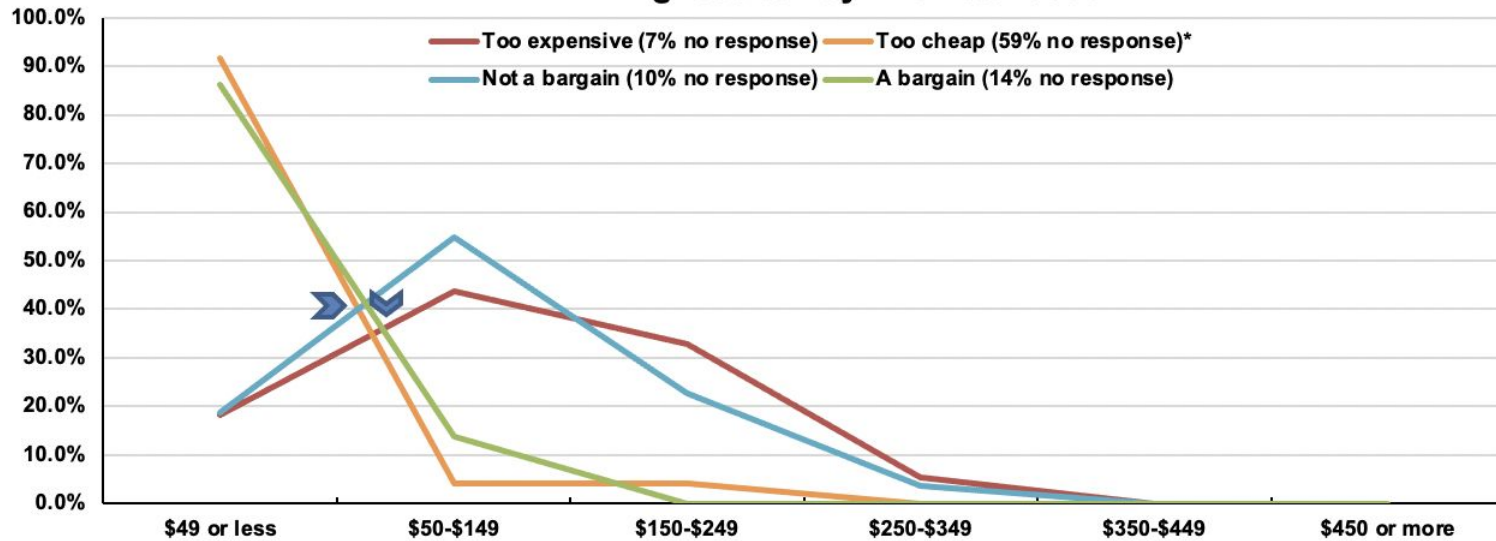
Did this conference meet your expectations?



Please rate this virtual AMS conference compared to...

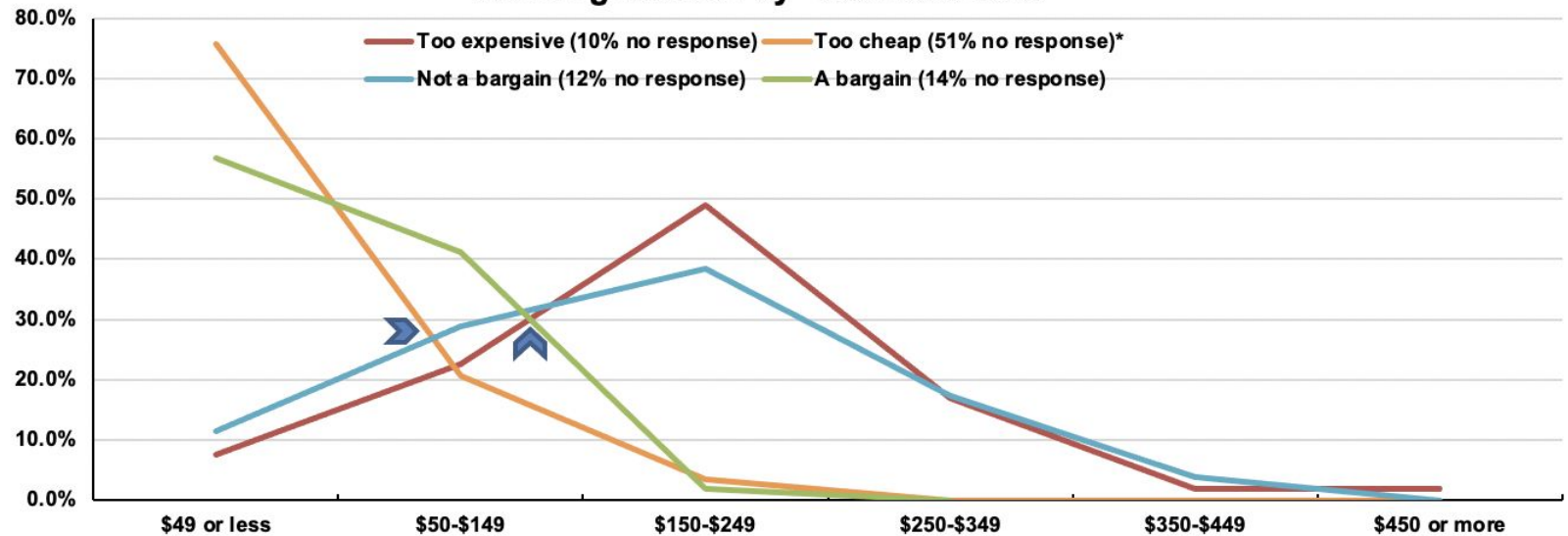


Willingness to Pay - As Attendees



*59% of survey respondents preferred not to answer this question

Willingness to Pay - As Presenters



*51% of survey respondents preferred not to answer this question

AMS Policy Statement Process

Best Practices

- Determine why the proposed statement is needed –What challenge is being addressed?
- Recruit collaborators to assist in developing a statement proposal and precis
 - 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)
 - Work with 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

Challenges

- Suggested statement drafting timeline (8 months) may be challenging to meet, depending on the scope/complexity of the statement.
- AMS should mint Digital Object Identifiers to policy statements, to better facilitate citation and version control
- Need better publicize availability of 30-day member comment period, we received no public feedback

AMS Awards

Awards

- Nominations are due on 1 May 2020
- Consider recognizing those whose work and dedication have had a profound impact on the weather, water, and climate science community
- Note that Lecturerships are targeted to recognize outstanding mid-career scientists

Fellows

- Nominations are due on 1 May 2020
- Those eligible for election to Fellow shall have made outstanding contributions to the atmospheric or related oceanic or hydrologic sciences or their applications during a substantial period of years

STAC-Level Awards for 2021

- Last year we held our 3rd offering of these awards
 - 10 award recipients in 2018
 - 13 award recipients in 2020
 - 11 award recipients in 2021
- This is an annual award with nominations due to STAC Commissioner by Oct 1
- Three types of awards:
 - STAC Outstanding Early Career Award
 - STAC Distinguished S/T Accomplishment Award
 - STAC Outstanding Service Award

Annual Glossary Report for 2020 to the STAC Commission

Information provided by
Ward Seguin, Editor

Glossary of Meteorology Actions

Action	Number			Comments
	2018	2019	2020	
Suggestions received	48	23	39	
Suggestions forwarded from previous yr	2	9	1	
Terms revised	31	12	11	
New terms added	17	12	10	
Terms rejected	4	5	18	Many derived from DOD Range Commanders Council "Glossary of Selected Meteorological Terms" which is being retired
Terms in review	8	1	1	
Withdrawn		2		
Terms reviewed by STAC Committees	40	24	25	Thank you to STAC Boards and Committees!

Days in Review

Days - Submission to Decision

AMS Glossary of Meteorology Status (updated 21 Dec 2020)									
Year	New Suggestions	Carried Forward from Previous Years	In Review	Added to GOM during year (new and revised terms)	Rejected and Withdrawn	Days in Review		Days Submission to Decision	
						Ave	#	Ave	#
2013	29			12	11	50.5	13	64.8	23
2014	31	6		26	4	75.8	30	101.4	30
2015	18	7		13	2	66.3	13	142.1	17
2016	15	10		14	3	238.6	15	270.8	16
2017	16	8		19	3	142.7	16	177.1	16
2018	50	2		39	4	51.4	39	57.8	41
2019	23	9	0	24	8	53.3	21	76.9	28
2020	39	1	1	21	18	41.8	39	47.9	39

Prepared by Sharon Kristovich, Reporting and Analytics Manager, skristovich@ametsoc.org

AMS Staff and Leadership

At the in-person meeting, we would typically meet with:

- Mary Glackin – AMS President
- Mike Farrar – AMS President-Elect
- Richard Clark - Incoming AMS President-Elect
- Keith Seitter – Executive Director
- Paul Higgins – AMS Policy Program
- Claudia Gorski – AMS Meetings
- Erica Callahan - Member services, STAC support
- Brian Mardirosian – Web Pages
- Stephanie Armstrong – DEI, Student Awards
- Kelly Savoie – Career Development

STAC Group Discussion on Diversity, Equity, and Inclusion

Now we are going to be placed into breakout groups for 15 min to discuss what we can do to improve and advance DEI

Possible topics of discussion include but are not limited to:

- How is your B/C addressing DEI challenges in our community?
- Have you found effective ways to recruit a diverse membership to your B/C and to your specialty meetings?
- What other anti-racist and anti-sexist actions have you found effective here or in other professional settings?
- What ways might STAC or AMS as a whole better address diversity across all B/C

Open STAC Discussion

Closing Comments

- Thank you to all Committee and Board Chairs and Vice-Chairs
- Thank you to Erica Callahan, Claudia Gorski and all AMS Staff
- We look forward to working with you in 2021

