

# Scientific and Technological Activities (STAC) 2020 End of Year Report to the AMS Council

Genene Fisher, STAC Commissioner  
Bruce Telfeyan, STAC Past Commissioner  
Ankur Desai, STAC Incoming Commissioner



Photo from STAC Chairs Annual Meeting, January 12, 2020, Boston, MA

## 1. Introduction

STAC is responsible to the Society and the Council for advancing science and technology by promoting the open exchange of ideas, strengthening our disciplinary communities, enhancing collaboration and dialog among these communities, embracing diversity, celebrating and fostering excellence, and cultivating the next generation of scientists and leaders. STAC has continued to carry out these primary roles by planning conferences, symposia, maintaining an active membership and web site (both of which are updated at least annually); recognizing outstanding members via Society Award and Fellow nominations; informing the AMS Council of concerns and suggestions for improvement; and providing a brief summary to the Council/Commissioners after each conference, symposium, or other meeting(s).

## 2. Items for Council

STAC does not have any items requiring AMS Council discussion.

## 3. Transition of STAC Commissioners

STAC rotates the roles of Commissioners every two years. In January, Bruce ends his term as Past Commissioner (thank you Bruce for your leadership with STAC for the last 6 years). Genene Fisher becomes Past Commissioner, Ankur Desai assumes the role of Current Commissioner and Kristie Franz will be the Incoming STAC Commissioner

#### 4. Conferences and Symposia

STAC consists of thirty science committees and six inter-disciplinary boards. Thirty two STAC-led conferences/symposia were held in Boston during the 2020 Annual Meeting. Due to COVID-19, only 1 STAC-led specialty conference was organized this year and several have been delayed. Here is a listing of all the STAC conferences and symposia through 2020.

<b>Conference Name (2020 Annual Meeting)</b>	<b>Board / Committee</b>
<b>36th Conference on EIPT</b>	Board on Environmental Information Processing Technologies
<b>34th Conference on Hydrology</b>	Committee on Hydrology
<b>33rd Conference on Climate Variability and Change</b>	Committee on Climate Variability and Change
<b>30th Conference on Weather Analysis and Forecasting (WAF)/26th Conference on Numerical Weather Prediction (NWP)</b>	Committee on Weather Analysis and Forecasting
<b>26th Conference on Probability and Statistics</b>	Committee on Probability and Statistics
<b>25th Conference on Applied Climatology</b>	Committee on Applied Climatology
<b>22nd Conference on Planned and Inadvertent Weather Modification</b>	Committee on Planned and Inadvertent Weather Modification
<b>21st Joint Conference on the Applications of Air Pollution Meteorology with the A&amp;WMA</b>	Committee on Meteorological Aspects of Air Pollution
<b>22nd Conference on Atmospheric Chemistry</b>	Committee on Atmospheric Chemistry
<b>Middle Atmosphere One Day Symposium</b>	Committee on Middle Atmosphere
<b>20th Conference on Aviation, Range, and Aerospace Meteorology</b>	Committee on Aviation, Range, and Aerospace Meteorology
<b>19th Conf on Artificial and Computational Intelligence and its Applications to the Environmental Sciences</b>	Committee on Artificial Intelligence Applications to Environmental Science
<b>18th Symposium on the Coastal Environment</b>	Committee on Coastal Environment
<b>17<sup>th</sup> Conference on Space Weather</b>	Committee on Space Weather
<b>16th Annual Symposium on New Generation Operational Environmental Satellite Systems</b>	Committee on Satellite Meteorology, Oceanography, and Climatology
<b>Major Weather Events and Impacts of 2019</b>	Board on Societal Impacts
<b>15th Symposium on Societal Applications: Policy, Research and Practice</b>	Board on Societal Impacts
<b>15th Symposium on the Urban Environment</b>	Board on the Urban Environment
<b>12th Symposium on Aerosol–Cloud–Climate Interactions</b>	Committee on Atmospheric Chemistry

<b>11th Conference on Environment and Health</b>	Board on Environment and Health
<b>10th Conference on Transition of Research to Operations</b>	Committee on Satellite Meteorology, Oceanography, and Climatology
<b>10th Symposium. on Lidar Atmospheric Applications</b>	Committee on Laser Atmospheric Studies
<b>10th Symposium on Advances in Modeling and Analysis Using Python</b>	Board on Environmental Information Processing Technologies
<b>Eighth Symposium on Building a Weather-Ready Nation: Enhancing Our Nation's Readiness, Responsiveness, and Resilience to High Impact Weather Events</b>	Board on Societal Impacts
<b>Eighth AMS Symposium on the Joint Center for Satellite Data Assimilation (JCSDA)</b>	Committee on Satellite Meteorology, Oceanography, and Climatology
<b>Eighth Symposium on the Madden-Julian Oscillation and Sub-Seasonal Monsoon Variability</b>	Committee on Tropical Meteorology and Tropical Cyclones
<b>Sixth Symposium on High Performance Computing for Weather, Water, and Climate</b>	Board on Environmental Information Processing Technologies
<b>Third Conference on Earth Observing SmallSats</b>	Committee on Satellite Meteorology, Oceanography, and Climatology
<b>Tropical Meteorology and Tropical Cyclones Symposium</b>	Committee on Tropical Meteorology and Tropical Cyclones
<b>Special Symposium on the Future of Weather, Forecasting, and Practice</b>	Committee on Weather Analysis and Forecasting
<b>20th Symposium on Meteorological Observations and Instrumentation</b>	Committee on Measurements
<b>Severe Local Storms One Day Symposium</b>	Committee on Severe Local Storms

<b>Specialty Meetings</b>	<b>Board/Committee</b>
29th Conference on Mountain Meteorology (virtual, July 2020)	Committee on Mountain Meteorology

## 5. Named Sessions

STAC has played an increasingly larger role with named sessions at conferences and symposia. Named sessions are discussed in The Guidelines for Society and Commission Awards and described as follows:

"A named session honoring an individual may be held within an existing specialty conference or symposium on the recommendation of the STAC Commissioner and approval by the Executive Committee. Except for extraordinary circumstances, there should be a limit of two special sessions per specialty conference."

In the past, named sessions were uncommon and not frequently used. In recent years, STAC has been highlighting them as a way to recognize outstanding members of the various science communities. The named session requires a Proposal for Named Session form submitted to the STAC Commissioner who then endorses (if appropriate) and forwards the nomination to the AMS Executive Committee for approval.

So far this year, two named sessions have been approved by the Executive Committee for the Annual Meeting and 3 named sessions during specialty conferences. They are as follows:

Conference	Meeting Dates	Location	Named Session	Status
19th Conference on Mountain Meteorology	13-18 July 2020	virtual	Vanda Grubišić	Approved
21st Aviation, Range and Aerospace Meteorology (ARAM) Conference	10-12 Jan 2021	New Orleans, LA	Robert Sharman	Approved
23rd Conference on Atmospheric Chemistry	10-12 Jan 2021	New Orleans, LA	Robert Talbot	Approved
34th Conference on Hurricanes and Tropical Meteorology	9-14 May 2021	New Orleans, LA	Fuqing Zhang	Approved
34th Conference on Hurricanes and Tropical Meteorology	9-14 May 2021	New Orleans, LA	T.N. Krishnamurti	Approved

## 6. Named Symposia

The organizers for the two named symposia that were scheduled for the 2021 Annual requested to move the meetings to the 2022 Annual. No new submissions for Named Symposia were given by 1 May 2020 for the 2022 Annual. Here is the 2022 schedule:

2022 Planned Symposia		
Name, Current Position	Year/Site	Theme
Richard H. Johnson	2022/Houstons	Organized convection; collection of unprecedented datasets during field campaigns; international collaborations
Kevin E. Trenberth Symposium	2022/Houstons	Empirical Analysis of Global Climate Change

Note that the Named Symposium is a higher and more distinctive level of recognition than the Named Session. It is normally a one-day event including three or four sessions (it can have a poster session in addition to oral presentations). It requires the full 18-month planning time-frame accorded to a specialty conference. Nominations ([Proposal for Named Symposium](#)) are due to Claudia Gorski by May 1 of the year prior to the next Annual Meeting, or at least 18 months before the proposed event.

### **7. Request for Meeting Funds (Program Chair Funds)**

The Program Chair of each AMS sponsored conference or symposium can request up to \$1,500 to support student awards, student presenter travel allowance, abstract fees for guest speakers, invited speaker travel support, and special activities. In 2018, the AMS Council approved increased funds availability for conferences that kicks in for events with more than 300 participants (based upon the number of abstracts received or on attendance at the last event). There will be an additional allocation of \$5 for each attendee above 300.

A quick look at the requests indicates that the most common use of the program chair funds is for student awards which can be up to a maximum of \$200 per award, followed by invited speaker abstract awards. STAC handles these fund requests for all AMS conferences whether within STAC or from other Commissions (as per agreement through the AMS Meetings Coordinator). Routine requests are approved by the AMS Meetings Coordinator while those requests requiring closer examination are reviewed by the STAC Commissioner.

### **8. STAC Meeting Reports**

This year, STAC modified the mandatory requirement to provide a conference summary report. Rather, we asked that each B/C fill out a Conference Report Review, which is in a survey question format and provides highlights of the symposium/conference and also feedback to AMS Meetings. If a B/C chooses, they can still do a longer summary and post it on their webpage.

Here are some details:

- 13 out of 22 Boards/Committees responded for conferences organized by STAC held at the 2020 Annual Meeting
- 4 out of 13 held joint sessions and overall went well
- 10 out of 13 reported significant student attendance
- Overall B/C took advantage of all opportunities: named sessions, joint sessions, student awards, core science keynotes, lecturer/fellows/award winner talks in program, presenting STAC awards at meeting, short courses, etc
- Useful feedback was received regarding all aspects of the Annual Meeting and this was discussed at the May STAC Chairs call and provided to the AMS Meetings Department.

## 9. STAC Board and Committee Awards

This year the Council approved that the [STAC level awards](#) could be offered on a yearly basis. These awards recognize individuals whose outstanding contributions further the goals of the STAC. There are three types of awards for which each B/C can submit a nomination by Oct 1:

- Outstanding Early Career,
- Distinguished Scientific/Technological Accomplishment, and
- Outstanding Service

Previously this award was offered biennially, with its terms of reference approved in 2017, and the second round of nominations received last year. Thirteen STAC Boards and Committees submitted nominations which were all approved by the STAC Commissioners. The awards consist of presentation of a certificate, generally at the next B/C conference with appropriate recognition to include (when appropriate) an invited talk by the awardee. However, most B/C choose to make the award a surprise to the awardee at their conference or B/C meeting.

Recipients of the 2020 are listed below. These were presented at the 2020 Annual Meeting, unless noted otherwise. In October, STAC received and awarded 11 nominations for 2021 STAC level awards. Most will be announced at the 2021 Annual Meeting and the remaining at specialty conferences. The recipients' names will be provided to Council once announced at the appropriate meetings per the Chairs' preferences.

### 1. STAC Outstanding Early Career Award

**Dr. Jennifer Vanos** on behalf of the AMS Board on Environment and Health

Citation: For scientific contributions to furthering understanding of thermal comfort and heat strain, with a focus on protecting children, athletes, and outdoor workers, in the context of a changing climate

### 2. STAC Outstanding Early Career Award

**Stephen M. Strader** on behalf of the Board on Societal Impacts

Citation: For an outstanding early career scholar whose research has the potential to reduce the societal impacts of extreme weather events

### 3. STAC Distinguished Scientific/Technological Accomplishment Award

**Caren Marzban** on behalf of the Committee on Artificial Intelligence Applications to Environmental Science

Citation: For contributions to advancing applications of machine learning to environmental science, including extreme events, and strengthening the statistical framework and assessment

### 4. STAC Outstanding Early Career Award

**Emily V. Fischer** on behalf of the Committee on Atmospheric Chemistry

Citation: For outstanding scholarship and leadership in the field of atmospheric chemistry and exceptional work to diversify the geosciences

5. STAC Distinguished Scientific/Technological Accomplishment Award

**Dr. Suzana J. Camargo** on behalf of the Committee on Climate Variability and Change

Citation: In recognition of her profound and extensive contributions to problems in tropical climate variability and climate change

6. STAC Outstanding Service Award

**Dr. Joshua K. Roundy** on behalf of the Committee on Hydrology

Citation: For dauntless service to Committee on Hydrology, including improving annual meeting scope and Program Chair leadership during 2019 government shutdown

7. STAC Distinguished Scientific/Technological Accomplishment Award

**David E. Rudack** on behalf of the Committee on Probability and Statistics

Citation: For outstanding teamwork, mentoring, and contributions to the statistical forecasting program of the Meteorological Development Laboratory, National Weather Service

8. STAC Outstanding Service Award

**Dr. W. Kent Tobiska** on behalf of the Committee on Space Weather

Citation: For sustained service to the space weather community and successful advocacy for inclusion of the commercial sector in the enterprise

9. STAC Distinguished Scientific/Technological Accomplishment Award

**Dr. Vijay Tallapragada** on behalf of the Committee on Weather Analysis and Forecasting

Citation: In recognition of his exceptional leadership of the HWRF and FV3 model implementations and noteworthy scientific achievements in numerical weather prediction over a twenty-year period

10. STAC Distinguished Scientific/Technological Accomplishment Award

**Dr. Gloria Manney** on behalf of the Committee on Middle Atmosphere

Citation: For her extraordinary contributions to furthering understanding of stratospheric dynamics, polar processing, and tracer transport in the UTLS

11. STAC Outstanding Early Career Award (to be announced and presented at July 13-18, 2020 Mountain Meteorology Conference)

**Dr. Ivana Stiperski** on behalf of the Committee on Mountain Meteorology

Citation: For advancing fundamental understanding of boundary layers and turbulence in complex terrain and of mesoscale orographic airflow dynamics

12. STAC Outstanding Early Career Award (to be announced and presented at late July/early August 2021 Conference on Mesoscale Processes)

**Prof. Kelly Lombardo** on behalf of the Committee on Mesoscale Processes

Citation: For contributions to the fundamental understanding of mesoscale convective systems in heterogeneous environments near coastal zones and complex orography

13. STAC Distinguished Scientific/Technological Accomplishment Award on behalf of the Committee on Tropical Meteorology and Tropical Cyclones  
Chairs request that the awardee not be announced until presented at their conference which is now delayed to May 2021 Tropical Meteorology Conference

## 10. Departing STAC Board and Committee Chairs

We extend special thanks to these 15 individuals who are completing their service as board or committee chairs within STAC. They have all served voluntarily and provided leadership and direction to each of their members. They are listed here with their years of service as the Chair:

- Board on Atmospheric Biogeosciences, Timothy J. Griffis, 2017-2021
- Board on Environment and Health, Kristie Ebi, 2018-2021
- Board on Societal Impacts, Kathleen Sherman-Morris, 2019-2021
- Committee on Applied Climatology, Trent Ford, 2019-2021
- Committee on Atmospheric and Oceanic Fluid Dynamics, Shafer Smith, 2018-2021
- Committee on Laser Atmospheric Studies, James Campbell, 2018-2021
- Committee on Mesoscale Processes, Gretchen Mullendore, 2019-2021
- Committee on Meteorological Aspects of Air Pollution, Saravanan Arunachalam, 2018-2021
- Committee on Middle Atmosphere, Amy Butler, 2018-2021
- Committee on Mountain Meteorology, Justin Minder, 2018-2021
- Committee on Probability and Statistics, Elizabeth Satterfield, 2018-2021
- Committee on Satellite Meteorology, Oceanography, and Climatology, Co-chairs Mitch Goldberg and Ken Holmlund, 2018-2021
- Committee on Severe Local Storms, Curtis Alexander, 2018-2021
- Committee on Space Weather, Richard Behnke, 2016-2021
- Committee on Weather Analysis and Forecasting, Rebecca Adams-Selin, 2018-2021

## 11. STAC Best Practices

The [STAC Best Practices Document](#) is in its sixth year of existence and we continue to update and expand it. We combined our past experiences with those of other successful STAC committees and created a living document that helps STAC board and committee chairs and members. Its main purpose is aid STAC volunteers to understand their responsibilities and what they can do to help build their science community. We mention the document every chance we get and it continues to have a very positive impact. The vast majority of STAC members want to make a difference, but some simply do not know how to contribute in the most effective ways. This provides guidance to be fully involved.



## 12. STAC Support to the Editor of the Glossary of Meteorology

The *GoM* continues to be an important reference for our Society and with our global community. STAC Boards and Committees are actively involved in supporting the *GoM* by providing expert input on requests for new or updated glossary terms. Ward Seguin works closely with STAC Chairs as requests for new or revised terms need attention.

In 2020, a total of 39 proposed changes or additions to the Glossary were received. Of these 18 were rejected, 21 approved, and one is still under review. In addition, one term was held over from 2019 was reviewed and rejected.

Members of STAC were asked to review 25 of these terms including the one carried over from 2019. The remaining terms were reviewed and either approved or rejected by the Glossary Chief editor or experts in the field, e.g. the Deputy Director of the National Hurricane Center.

Many of the 18 terms rejected were derived from the Department of Defense's (DOD) Range Commanders Council Document 351-97 "Glossary of Selected Meteorological Terms," which is being retired by the DOD. Members of the Range Commanders Council (RCC) Meteorology Group (MG) submitted them to AMS as candidates for the AMS Glossary. Terms were rejected if they were not used in meteorological communication or published journals or they were common terms not limited to meteorological communications, e.g. "in situ" and "photometric." While some proposed definitions were not used as submitted, in some instances the submission did prompt reviewers to modify existing Glossary definitions.

A number of new terms were added to the Glossary including "megaflash," "forecast informed reservoir operations," "Ceiling and Visibility OK (CAVOK)," and "Second Summer," which is a term intended to replace the term "Indian Summer." The Glossary was also updated to correct an equation error (e.g. Kolmogorov scale), hyperlink errors, and to improve readability or the definition (e.g. storm).

The following table summarizes the performance statistics for 2020.

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

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### 13. Membership Breakdown of STAC Boards and Committees

#### 2020 Membership Breakdown of STAC Boards and Committees

Sector of the Weather Enterprise	Number	Percent
Academia (including Students)	234	52.3
Government (including FFRDC)	121	27.1
Private	22	4.9
Not Specified	70	15.7
Retired	0	0.0
Total	447	100

Gender	Number	Percent
Male	282	63.1
Female	165	36.9
Total	447	100

AMS Member Category	Number	Percent
Members	302	67.6
Non-Members of the AMS	145	32.4
Total	447	100

STAC Board/Committee Roles	Number	Percent
B/C Chairs	33	7.4
B/C Co-Chairs	4	0.9
B/C Vice Chairs	24	5.4
Chair Emeritus	2	0.4
B/C Ex Officio Members	1	0.2
B/C Members	331	74.0
B/C Student Members	48	10.7
Board Member at Large	1	0.2
STAC Commissioners (Past/Current/Incoming)	3	0.7
Total	447	100.00

Country of Residence	Number	Percent
Australia	5	1.2
Austria	1	0.2
Brazil	1	0.2
Canada	6	1.4
China	2	0.5
Croatia	1	0.2
France	3	0.7
Germany	2	0.5
Ireland	2	0.5
Israel	1	0.2
Japan	3	0.7
South Korea	1	0.2
Spain	1	0.2
Taiwan	1	0.2
United Kingdom	3	0.7
United States	414	92.6
Total	447	100

State of Residence	Number	Percent
Alabama	12	2.9
Alaska	2	0.5
Arizona	9	2.2
Arkansas	0	0.0
California	39	9.4
Colorado	77	18.6
Connecticut	1	0.2
Delaware	1	0.2
District of Columbia	8	1.4
Florida	14	3.4
Georgia	6	1.4
Hawaii	1	0.2
Idaho	0	0.0
Illinois	10	2.4
Indiana	4	1.0
Iowa	3	0.7
Kansas	4	1.0
Kentucky	0	0.0
Louisiana	3	0.7
Maine	0	0.0
Maryland	45	10.9
Massachusetts	5	1.2
Michigan	9	2.2
Minnesota	5	1.2
Mississippi	1	0.2
Missouri	5	1.2
Montana	3	0.7
Nebraska	7	1.7
Nevada	2	0.5
New Hampshire	2	0.5
New Jersey	7	1.7
New Mexico	5	1.2
New York	19	4.6
North Carolina	11	2.7
North Dakota	2	0.5
Ohio	2	0.5
Oklahoma	19	4.6
Oregon	2	0.5
Pennsylvania	3	0.7
Rhode Island	0	0.0
South Carolina	1	0.2
South Dakota	1	0.2
Tennessee	3	0.7
Texas	12	2.9
Utah	3	0.7
Virginia	18	4.3
Vermont	1	0.2
Washington	19	4.6
West Virginia	0	0.0
Wisconsin	6	1.4
Wyoming	4	1.0
Total	414	100

Student Member Data		
Gender	Number	Percent
Male	28	58.3
Female	20	41.7

State	Number	Percent
Alabama	1	2.2
Arizona	2	4.4
California	1	2.2
Colorado	10	22.2
Delaware	1	2.2
Florida	3	6.7
Hawaii	0	0.0
Illinois	2	4.4
Louisiana	1	2.2
Maryland	1	2.2
Michigan	1	2.2
Missouri	2	4.4
Montana	1	2.2
Minnesota	1	2.2
New Jersey	2	4.4
New Mexico	1	2.2
New York	4	8.9
North Carolina	0	0.0
North Dakota	1	2.2
Ohio	1	2.2
Oklahoma	4	8.9
Pennsylvania	1	2.2
Texas	1	2.2
Virginia	1	2.2
Washington	1	2.2
Wyoming	1	2.2
Total	45	100

Country	Number	Percent
Canada	1	2.1
Ireland	1	2.1
United Kingdom	1	2.1
United States	45	93.8
Total	48	100.0

## 2020 Membership Breakdown of STAC Board and Committee Chairs and Vice-Chairs

Sector of the Weather Enterprise	Number	Percent
Academia	33	54.1
Government (including FFRDC)	23	37.7
Private	5	8.2
Total	61	100

Gender	Number	Percent
Male	40	65.6
Female	21	34.4
Total	61	100

AMS Member Category	Number	Percent
Members	47	77.0
Associate Members	0	0.0
Non-Members of the AMS	14	23.0
Total	61	100

Country of Residence	Number	Percent
Australia	1	1.6
Germany	1	1.6
Israel	1	1.6
United States	58	95.1
Total	61	100

State of Residence	Number	Percent
Alabama	2	3.4
Arizona	1	1.7
California	6	10.3
Colorado	10	17.2
Florida	1	1.7
Georgia	1	1.7
Illinois	2	3.4
Indiana	1	1.7
Maryland	7	12.1
Michigan	2	3.4
Minnesota	1	1.7
Mississippi	1	1.7
Nebraska	1	1.7
New Mexico	1	1.7
New York	3	5.2
North Carolina	2	3.4
North Dakota	1	1.7
Ohio	1	1.7
Oklahoma	3	5.2
Tennessee	1	1.7
Texas	2	3.4
Virginia	1	1.7
Washington	4	6.9
Wisconsin	1	1.7
Wyoming	2	3.4
Total	58	100

### 14. Annual Awards

STAC was involved with the AMS Annual Awards again this year under the guidance of the AOC. This table covers the awards with STAC involvement:

Award	Responsible B/C (and Commission)
The Charles L. Mitchell Award	WAF (STAC)
The Award for an Exceptional Specific Prediction	WAF(STAC)
The Francis W. Reichelderfer Award	WAF, BOGM, Coastal Environment, Hydrology (STAC and Professional Affairs)
The Helmut E. Landsberg Award	Board on Urban Environment (STAC)

The Award for Outstanding Achievement in Biometeorology	Board on Atmospheric Biogeosciences (STAC)
The Robert E. Horton Lecturer in Hydrology	Committee on Hydrology (STAC)
The Bernard Haurwitz Memorial Lecturer	STAC
The Walter Orr Roberts Lecturer in Interdisciplinary Sciences	STAC
The AMS Journalism Award	STAC Commissioner Review
Outstanding Contribution to the Advance of Applied Meteorology	Professional Affairs Commission with input from Applied Climatology
The Banner I. Miller Award	Committee on Tropical Cyclones and Tropical Meteorology (STAC)
Syukuro Manabe Climate Research Award	Climate Variability and Change and others (STAC)
Joanne Simpson Tropical Meteorology Research Award	Committee on Tropical Meteorology and Tropical Cyclones (STAC)

## 15. STAC Board and Committee Chairs Conference Calls

STAC held three conference calls this year. The first call was April 7 to discuss best practices on submitting award nominations, led by Roger Wakimoto. The second call was held May 22 and the summary is located here: <https://www.ametsoc.org/index.cfm/stac/news-reports/stac-annual-meeting-summaries/ams-stac-chair-call-notes-may-2020/>

Our third call was held October 23 and the summary is located here:

<https://www.ametsoc.org/index.cfm/stac/news-reports/stac-annual-meeting-summaries/ams-stac-chair-call-notes-oct-2020/>

## 16. STAC Newsletter

The STAC Newsletter (issued every other month) has continued to be a success as it keeps the STAC members better informed. The newsletters are sent to all 447 STAC members, the Council, Commissioners, and AMS Staff through the AMS Community. Refer to:

<https://www.ametsoc.org/stac/index.cfm/news-reports/monthly-stac-newsletter/>

17. As always, STAC appreciates the support of the AMS Staff and values our collaborative efforts with and support from the AMS Council and the other Commissioners.