

**Quarterly Meeting for the American Meteorological Society (AMS)  
Committee for Satellite Meteorology, Oceanography and Climatology  
Meeting Minutes**

**Time: 7:00-8:30am CDT**

**Date: August 9th, 2022**

### 1. Meeting Participants

The following members participated in the AMS Satellite Meteorology, Oceanography and Climatology (SatMOC) Committee meeting and video conference on Tuesday, August 9<sup>th</sup> 2022.

Name	Affiliation	Email Address
Jason Apke	CIRA/CSU	jason.apke@gmail.com
Sara Tucker	Ball Aerospace	stucker@ball.com
Kathryn Shontz	NOAA	kathryn.shontz@noaa.gov
Jingli Yang	ERT	jingliyang@ertcorp.com
Gary McWilliams	NOAA	gary.mcwilliams@noaa.gov
Stephanie Ortland	UW/CIMSS	smbradshaw@wisc.edu
James Yoe	NOAA	james.g.yoe@noaa.gov
Jordan Gerth	NOAA	jordan.gerth@noaa.gov
Cara Wilson	NOAA	cara.wilson@noaa.gov
Mitch Goldberg	NOAA	mitch.goldberg@noaa.gov
Philip Ardanuy	Innovim	pardanuy@innovim.com
Mark Mulholland	NOAA	mark.mulholland@noaa.gov
Ankur Desai	Univ. Wisconsin	desai@aos.wisc.edu
James Anheuser	Univ. Wisconsin	anheuser@wisc.edu
Edward Hyer	NRL	edward.hyer@nrlmry.navy.mil
Jen Rosen	AMS	jrosen@ametsoc.org
Marissa Welch	AMS	mwelch@ametsoc.org

### 2. Agenda

- Welcome
  - K. Shontz Welcomed everyone to the meeting.*
  
- Request for two key roles to be filled by committee members - webmaster and strategic plan editor

*K. Shontz looks to fill multiple roles including webmaster and Strategic plan. Eric Goldenstern has hit his two year mark and is moving on. S. Tucker will be filling in the strategic plan editor role, and J. Anheuser will be filling the webmaster role.*

- **STAC Commission Updates (A. Desai)**

*A. Desai: There has been a refresh to the stac commission website. The editing/theme has been revised, and you can now link to social media, external pages, resources etc. SATMOC Committee page format could use a refresh, which would help the page be used more to promote meetings, post photos, highlight upcoming short courses etc. AMS planning commission has also formed a future meetings task force which has a charge to report recommendations for future meetings, including formats, locations, structure, costs, etc. The task force is seeking input at the Denver meeting, and AMS is encouraging meeting chairs to fill out special surveys about the meetings they plan, including about what went well, what did not go well, etc. This information will impact how AMS plans meetings. Finally, the commission is encouraging committees to get into writing what they hope to accomplish in the long run, including details on directions you want to see SATMOC going, and details on what SATMOC would like to get done in the near future (S. Tucker mentioned that the SATMOC committee does maintain a five year plan). The commission has also released a STAC-wide best practices document that is updated by AMS for DEI, which can be used by the SATMOC DEI committee.*

*STAC-wide Best Practices:*

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

*For more detailed notes from the chairs' discussion on DEI see the notes at the bottom of:*

<https://www.ametsoc.org/index.cfm/stac/news-reports/stac-annual-meeting-summaries/stac-annual-meeting-summary-2021/>

*and additional notes from breakout groups at:*

<https://docs.google.com/spreadsheets/d/1bSeRYLehkZVx8GS2FlmWJ0j-TSpSoJILEi1N1UCjkk/edit#qid=0>

*AMS commissioner position does have an opening, and if someone is interested, they can contact A. Desai (see meeting participants list above).*

**Action Item:** *Share the updated five year plan w/ Ankur Desai.*

- Conference planning updates
- CMM (Jordan)

*J. Gerth: Highlights for the rest of the week. Wednesday was the plenary day where there were speakers from SSEC talking about the history of satellite meteorology, women in meteorology, etc.*

*Meeting also included a student networking event on Wednesday at lunch, as well as a mixer. SSEC also offered tours of the building.*

*Feedback on the meeting from the committee is welcomed.*

- OESS (Gary)

*G. McWilliams: Org. Committee has been meeting on a regular basis. Call for Papers Deadline: August 24<sup>th</sup>. We have 25 special topic areas, 8 are joint conferences. As part of the symposium, we will have a short course in hybrid format. Topic is "Making Beautiful Satellite Images using Python". Another speed networking event is also planned for Monday evening, from 8-10 pm. We still have sponsorship money for refreshments left over from last year's last minute transition to remote. We also have a sponsor for the short course to reduce the registration fee. Finally there will be a town hall meeting on the Emerging role of UAV's and drones and how they can*

*be used to augment the environmental data record, particularly as it pertains to satellites.*

*K. Shontz/ S. Tucker mentioned setting up a panel on bringing together academia/government/industry (invited panel). G. McWilliams pointed out that the deadline to put the program together is Sept 28<sup>th</sup>.*

**Action Item:** *S. Tucker: workshop the panel on bringing together academia/government/industry. Committee recommends keeping the panel to 4 or 5 people, with a possibility of the entire session being discussion, or to simply have panel talks that are shorter which allow for more discussion. Note short turnover, deadline is Sept. 28<sup>th</sup>.*

- JCSDA symposium (Jim, Tom)

*J. Yoe: Brief update- Reminder will be sent about the AMS deadline coming up on the 24<sup>th</sup> of August. Planning for course training in the symposium with Bob Atlas, possibly a couple other sessions as well.*

- Conference alignment for AMS Annual meeting - how do we incorporate and bring similar talks together (Kathryn facilitates)

*K. Shontz opened a discussion on opportunities for integration in user engagement, specifically asking how do we have those end-to-end discussions where we get to the why, and better understand what this community wants? How do we start to think about setting up our conferences/meetings to bring the community together? Are there parts of the sector we have not been talking to who could be end users? As we talk about end-to-end use, it will help us better understand the world, and how our data are used. In our next conference planning, SATMOC will be aiming to pull together a larger contextual discussion. Plans will revolve around developing a week for figuring out end-to-end use of data and instruments. This may*

*include a town hall on user engagement. As we look to the 2024 meeting, there may be a plan developed to address how to add more user-engagement opportunities. One of the things this committee can do is help with guidance. K. Shontz / S. Tucker: Maybe how we structure the days to flow from one thing to the next, and ask the session chair to help with the transitions. The last session of the day could then be a panel that brings everything together.*

*C. Wilson mentioned that training engages users, where the users learn about new data and also feed-back on what their needs are. Coastwatch, for example, does a lot of translation where we talk to the data providers and the users to figure out what to develop next, based on what the users need and what can be developed.*

*P. Ardanuy mentioned we need to consider what is a user, and have the discussions on what users can do with the datasets. We also need to consider that satellites will be flown by other entities, and data and data processing services will be produced by other entities. These entities will be adding services and value along the data stream, which will be important to discuss at upcoming meetings.*

*M. Molhulland/P. Ardanuy recommended adding emergency managers who are already in Denver, for example, who manage response to floods and fires. We will want to have discussions on how end users pre-deploy assets, for example, we can ask the local Denver FEMA manager, what satellite products or what data do you use to determine where to deploy assets? These discussions are useful to product developers who want to identify what products (or combinations thereof) are useful to end users. We also note that if we are aiming to bring in more diverse users, the AMS registration fee could be a barrier. For non-members, the AMS meeting costs \$800 to register, and that could be an issue for attracting new end users. It may be prudent to work out a different registration fee for*

*different users we aim to attract. We should also note that there will be artificial users, machine learning and other end users. ML/artificial intelligence is a priority for NOAA, so AI users should be involved in such planning.*

*E. Hyer mentioned that the AMS meeting has a theme and people have submitted their abstracts. There is no communication from AMS on how to consider the theme in the call for papers. In the Denver meeting, we are too far along to add things. With a theme like data, maybe we should have extended communication with our speakers to have a good idea on where the data are coming from, and where they are going to.*

- Discussion of DEI idea register and how we want to incorporate (Jim, Kathryn)

***Action Item:** Link to the document for inclusivity is provided to committee members emails, K Shontz recommends committee members to take a look at that document for the fall meeting. Everyone offers a different viewpoint at different points of their career. Please take 5 minutes and do that in preparation for the fall meeting. This can include details from the STAC-wide DEI best practices document.*

- Satellite Applications Virtual Training Update (Jun)

*G. McWilliams: We had four training sessions this summer. This year, we hoped to continue with free registration but the AMS wanted us to move to their short course program, and as a result we had to charge a fee of \$32 dollars for students, \$64 for AMS members, \$200 for non-members. This year we had 15 students register. Most of the students who started the first session continued to the last session. We hope to continue the virtual training program next summer. Preparations for the next short will be completed earlier so we get the advertisements out earlier. The new webmaster can add virtual training advertisements on the updated website.*

- AMS Award nominations (Kathryn)

*Awards nominations come out in January. Note the deadlines for AMS award nominations are May 1st. STAC-level awards, which require nomination to the AMS Commissioner, are due October 1st. STAC-level awards include:*

*A) The Outstanding Early Career Award*

*B) Distinguished Scientific/Technological Accomplishment Award*

*C) The Outstanding Service Award*

**Action item:** *J. Apke: look at the awards nominations timelines for the January meeting and report back to the committee.*

- Closeout & Action Review

**Action Item:** *S. Tucker: workshop the panel on bringing together academia/government/industry. Committee recommends keeping the panel to 4 or 5 people, with a possibility of the entire session being discussion, or to simply have panel talks that are shorter which allow for more discussion. Note short turnover, deadline is Sept. 28th.*

**Action Item:** *Share the updated five year plan w/ Ankur Desai.*

**Action Item:** *Link to the document for inclusivity is provided to committee members emails, K Shontz recommends committee members to take a look at that document for the fall meeting. Everyone offers a different viewpoint at different points of their career. Please take 5 minutes and do that in preparation for the fall meeting. This can include details from the STAC-wide DEI best practices document.*

**Action Item:** *J. Apke Add links to DEI best practices documents and award nomination deadlines. Note, see below:*

*STAC-wide Best Practices:*

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

*For more detailed notes from the chairs' discussion on DEI see the notes at the bottom of:*

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*and additional notes from breakout groups at:*

<https://docs.google.com/spreadsheets/d/1bSeRYLehkZVx8GS2FlmWJ0j-TSpSoJLEi1N1UCjkk/edit#gid=0>

*Award Deadlines:*

*AMS award nominations are due on May 1st, more info can be found here:*

<https://www.ametsoc.org/index.cfm/ams/about-ams/ams-awards-honors/awards/>

*STAC-level award nominations are due October 1st.*