

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

**Time: 3:00-4:30pm EST**

**Date: April 14<sup>th</sup>, 2022**

## 1. Meeting Participants

The following members participated in the AMS Satellite Meteorology, Oceanography and Climatology (SatMOC) Committee video conference on Thursday, April 14<sup>th</sup> 2022.

Name	Affiliation	Email Address
Jason Apke	CIRA/CSU	<a href="mailto:jason.apke@gmail.com">jason.apke@gmail.com</a>
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Gary McWilliams	NOAA	<a href="mailto:gary.mcwilliams@noaa.gov">gary.mcwilliams@noaa.gov</a>
Stephanie Bradshaw	UW/CIMSS	<a href="mailto:sbradshaw@wisc.edu">sbradshaw@wisc.edu</a>
James Yoe	NOAA	<a href="mailto:james.g.yoe@noaa.gov">james.g.yoe@noaa.gov</a>
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Eric Goldenstern	CSU	<a href="mailto:eric.goldenstern@colostate.edu">eric.goldenstern@colostate.edu</a>
Jordan Gerth	NOAA	<a href="mailto:jordan.gerth@noaa.gov">jordan.gerth@noaa.gov</a>
Thomas Auligne	UCAR	<a href="mailto:auligne@ucar.edu">auligne@ucar.edu</a>
Cara Wilson	NOAA	<a href="mailto:cara.wilson@noaa.gov">cara.wilson@noaa.gov</a>

## 2. Agenda

- Welcome
  - K. Shontz welcomed everyone to the meeting and Thanked Gary and Jordan for their hard work on the Collective Madison Meeting.*
- Conference planning updates
  - CMM (Jordan) - tactical and discussion on Mike Freilich memorial session
    - J. Gerth- Abstract deadline was extended to 4/21. Scientific program committee will be organized soon. Plenary sessions will be organized soon. There is still time to volunteer to serve on a scientific program committee, to do so, get in touch with J.*

*Gerth as soon as possible. For those who can sponsor events with Box Lunches, contact AMS directly. AMS coordinates sponsorships, and will give proper recognition for sponsorships. Only a very rough skeleton agenda is currently solidified, so it is possible to add more. e.g. A short course on resume building for students (S. Bradshaw). New town halls can also still be submitted through the typical abstract process, be sure to state in the abstract that a topic could be a town hall.*

*G. McWilliams- CMM will include a GOES-R/JPSS Short Course, with no fee for registration, presented in a hybrid format. Arrangements are being made for translation of the short course into Spanish and Portuguese. Short course will be held on Sunday.*

*There will also be a workshop on Data Collection Systems on Saturday.*

*On Sunday evening, there will be a workshop on the WMO satellite data requirements working group.*

*There is also a possible VLAB short course which will be held on Saturday.*

*CMM also includes 3 primary student engagement activities during the week:*

- 1) An ice breaker on Monday evening where they can talk to senior NOAA management*
- 2) A career fair w/ sponsors and NOAA likely on Tuesday*
- 3) A Speed Networking Event on Wednesday*

***Action Item:** Jordan is waiting on abstracts to be submitted to the Mike Freilich memorial session, however, if any committee members know someone who could submit an abstract to the session, or who could present, please reach out to K. Shontz/ J. Gerth as soon as possible.*

- OESS (Gary)

*G. McWilliams- (Main AMS Conference in Denver, CO)  
Currently, the focus for OESS is on identifying session topics.  
Several ideas thrown around, including planning joint sessions.  
Session topics must be submitted by today (4/14). We are going  
to provide a list of session topics to the AMS committee on 5/18.  
The call for papers will be published in the middle of May.  
OESS will include a combined JPSS/GOES-R Short Course and  
a Speed Networking Event, and has requested one meeting  
room on Monday Tuesday, and two meeting rooms on  
Wednesday and Thursday.*

*J. Wang- Related to session topics-community has several  
concepts for future satellite missions, especially with the NASA-  
Earth Venture Mission where there were 14 proposals and only  
one selection. A good plan would be to hold a forum for future  
missions which could draw quite a few participants.*

- JCSDA (Jim & Tom) - discussion on how to align with other conferences, AI and focus on observation through use
- J. Yoe- JCSDA planning currently involves identifying conflicts with similar meetings, and overlapping materials in Data Assimilation and Observations and Modeling. Efforts are underway to clean the overlap up so we minimize missed sessions, and try to encourage the diversity of the planned conversations.*
- T. Auligne- Committee is looking at transversal topics where we can draw from diverse research backgrounds, for example: How can we improve the use of DA for informing on the value of future missions? Or how would the future of acquiring data from small satellites challenge our Data Assimilation infrastructure? Hopefully having joint sessions like these can inform the committee on what kinds of topics to look for in the future..*

*K. Shontz discussed and recommended bringing the OESS/JCSDA organizing committees to SatMOC to identify potential joint sessions and deconflict schedules for better participation and coordination with scheduling*

*J. Yoe- Committee is considering some of the joint sessions ahead of time and aligning topics where there may be synergy and even planning a plenary session. The aim is to not have a forecasting and JCSDA conference at the same time, which would split the crowds. We have not focused on the tech as the synergy enabler, currently, synergies are found through the observations, applications, and forecasting, though tech could be a new driver. It would be good to take the time as a committee and help the organizers of JCSDA schedule and align this meeting.*

- **SmallSat (Kathryn & Phil) - discussion on recessing within OESS and expanding audience**

*K. Shontz raised a discussion on expanding the OESS conference to be more inclusive to topics like SmallSats, as tactically it is important to make sure we are engaging with that industry.*

*S. Tucker agrees that SmallSats is a conference that needs to be expanded to prevent crowds and conversations that are repetitive.*

*J. Gerth brought up that the O in OESS stands for operational, while most SmallSat missions are pre-operational, meaning an expansion would have to somehow include the research crowd.*

*K. Shontz- Similar to OESS/JCSDA, the committee should plan on topics for SmallSats that are cross cutting, and recommending integrated/joint sessions is a possibility. There have been challenges in terms of where certain talks should go.*

*Plans should always consider the next steps to elevate these conferences in an advantageous way.*

*S. Tucker and J. Yoe discussed requesting talks which increase diversity, equity, and inclusion, including asking some who do not request a talk in abstract to give oral presentations. Elevating more diverse speakers breaks the norms where some may assume they will not be accepted, which is important for the committee to continue to address.*

***Action Item** - (J. Yoe, P. Ardanuy, M. Goldberg, and K. Shontz) Hold a small meeting to revisit the need and/or approach for the SmallSat conference and JCSDA Symposium and recommend next steps*

- Committee Subteam Next Steps
  - Opportunities to host town halls, panels, discussions at CMM and next annual meeting

*Notes from Subteam on Industry-*

*S. Tucker- J. Yang and S. Tucker will be meeting on bringing in industry partners to upcoming conferences on 4/15.*

*Notes from Subteam on Students-*

*Team discussed providing opportunities and engaging students locally in Denver for the upcoming meeting, including students from CU Boulder/Denver/Colorado Springs, Metro State, Colorado State University, and the University of Northern Colorado-Greeley. This team is not just looking at atmospheric Science, but also talking to the engineering world, policy, IT and Artificial Intelligence to spread awareness of the conference.*

*Notes from SubTeam on Diversity-*

*J. Yoe has not yet had a chance to meet w/ J. Sims, though he recommended getting some more population on that committee and having someone else take responsibility bringing it together. He requests anyone who would be interested in DEI in all of the forms it takes, how we start incorporating that a little more in everything, and finding ways we could be doing a better job and being more intentional about what we are doing. There are actions that could be taken immediately, such as in how the committee organizes conferences (i.e. scheduling a diverse array of speakers, reaching out to groups who are less inclined to speak). Maybe we could create a document containing a running list of thoughts on how to improve DEI. This document could contain topics like how to reach out to more diverse students, industry, and researchers.*

**Action Item-** *(For Committee Subteams) All committee subteams meet before the next meeting to recommend plans for next steps - if you aren't on a team and would like to be, let K. Shontz know! Subteams currently include:*

*Diversity, equity and inclusion - James and Jim*

*Students - Jun, Stephanie, Kathryn*

*Industry - Sara, Mark, James, Jingli*

**Action Item-** *(J. Yoe) Create a document and start populating it with improving DEI, and look for opportunities in how we can rethink how we do things on a daily basis, challenge current norms in a positive and constructive way, and identify how the committee and its plans can be more inclusive.*

- Any outreach we need to do between quarterlies
- **Satellite Applications Virtual Training Update/Readout (Jun)**

*J. Wang- Still committed to hosting the training session for students via zoom. More virtual training preparation will be completed after the semester is over (by early May).*

*G. McWilliams- Virtual training will be \$32 students, \$64 for AMS members, will use the AMS Zoom Platform, and the courses will be*

*recorded for later viewing. If students attend two of the four sessions, they will be given a certificate by the AMS.*

- **Awards**

*AMS Nomination Awards to be submitted:*

*[K. Shontz Add Awards List Here](#)*

***Action Item-** Committee members should consider nominations for deserving individuals for AMS Awards, as the deadlines are fast approaching. There are also STAC-level awards that can be provided.*

- **Website**

*E. Goldenstern- Conferences have been updated/workshops have been updated, as have the AMS student awards*

- **Annual update to SATMOC plan - TBD, looking for volunteer K. Shontz- The Five-Year Plan is due for an update, which is a document that contains all the planned conferences, workshops, training, awards, strategic initiatives, and goals.**

***Action Item-** Committee is looking for a volunteer to update the SATMOC plan. Anyone with interest should reach out to K. Shontz.*

- **Closeout & Action Review**

*K. Shontz thanked everyone for their participation in the meeting. Next quarterly meeting will take place at the Collective Madison Meeting in August.*

**Action Items:**

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