

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

**Time: 2:00-3:50pm EDT**

**Date: July 12, 2023**

**1. Meeting Participants**

The following members participated in the AMS Satellite Meteorology, Oceanography and Climatology (SatMOC) Committee meeting and video conference on Friday, March 31st, 2023.

<b>Name</b>	<b>Affiliation</b>	<b>Email Address</b>
Kathryn Shontz	NOAA	kathryn.shontz@noaa.gov
Gary McWilliams	NOAA	gary.mcwilliams@noaa.gov
James Yoe	NOAA	james.g.yoe@noaa.gov
Jordan Gerth	NOAA	jordan.gerth@noaa.gov
Thomas Auligne	UCAR/JCSDA	auligne@ucar.edu
Lihang Zhou	NOAA	Lihang.zhou@noaa.ov
Mathew Van Den Heever	University of Colorado student	mathew.vandenneeever@colorado.edu
Jun Wang	University of Iowa	jun-wang-1@uiowa.edu
Mark Mulholland	Mitre Corporation	mark.mulholland@noaa.gov

**2. Agenda**

Membership updates (Kathryn)

2 new members - Dr. Lihang Zhou & Dr. Tom Auligne

Dr. Zhou is with the NESDIS Office on LEO Observation where she serves as the Data Product Management and Services Deputy and the JPSDS Product Portfolio manager.

Dr. Auligne is the director of the Joint Center of Satellite Data Assimilation (JCSDA) at UCAR.

2 new student members - Matt Van Den Heever & Deep Shah

Matt is a PhD student in aerospace engineering with a focus on remote sensing and instrument development for climate monitoring at the University of Colorado.

Deep is a PhD student in water resources engineering at Texas A&M engineering.

Award nominations check in (Jason)

Kathryn reported that Jason had submitted Steve Miller's nomination packet for the AMS David and Lucille Remote Sensing Award and currently planning to put forth award nominations for Pam Sullivan and Bill Cline in 2014.

Conference cadence discussion (Kathryn)

Alignment with AMS, NOAA and EUMETSAT conferences

Kathryn announced that the joint EUMETSAT/SatMOC conference has been rescheduled from 2025 to 2027 since the 2025 EUMETSAT Conference is scheduled for Lyon, France which is not directly accessible by plane from the US and France requires US government employees to get a visa. This schedule change is causing an evaluation of the current 18—month meeting cadence for the SatMOC Conference. Jordan said that the next NOAA Satellite Conference (NSC) will be held in San Diego either in 2024 or 2025. The NSC will likely be hosted at San Diego State University which is a Minority Supported Institute. Kathryn would like to see if the NSC can be held in 2025 which would allow a joint meeting with the 27th SatMOC Conference. After the 26<sup>th</sup> SatMOC Conference at the 2024 AMS Annual Meeting the next time the SatMOC Conference could convene with the Annual Meeting assuming the 18-month cadence would be in January 2027. However, since later in 2027 SatMOC conference will be meeting jointly with the EUMESAT Conference somewhere in Europe, the SatMOC Conference at the Annual Meeting may be delayed until 2030.

Possibility of moving to annual?

The SatMOC Conference could be moved to an annual cadence but would them be aligned with the OESS.

Conference planning at 2024 AMS Annual

## Thematic day session alignment for 2024 AMS Annual (Kathryn/Sara)

### Town Hall (Sara)

Kathryn, Sara, and Gary will be working on preparing the application for the Town Hall/. The deadline for the Town Hall was 27 June so Gary will contact the AMS to see if they will accept a late application. If the Town Hall is approved, we would try to schedule it for lunchtime on Wednesday.

### OESS (Gary)

The 20<sup>th</sup> OESS and 26SatMOC have formed a joint organizing committee which meets every 2 or 3 weeks. The Calls for Papers for both have been posted online since early June and the deadline for submitting abstracts is 24 August with the understanding it will likely be extended to 31 August. The completed programs need to be submitted by 28 September.

An application for the short course on GOES-R and JPSS Satellite Data Availability in the Cloud was submitted on 1 June. The short course if approved will be held from 8 AM to 3:30 PM ET on Sunday, 28 January. The course title is 2024 GOES-R and JPSS Satellite Data Availability in the Cloud.

An application Town Hall titled Potential Roles and Impacts of Active Sensor Observations in the NOAA Operational Satellite System joint with the 20th OESS, 26Satmet, and 14R2O has been submitted.

The 26th SatMOC, 20th OESS, 12<sup>th</sup> JCSDA, 14th R2O are jointly sponsoring the 10th Annual Speed Networking Event (10SPNE). The meeting room will be located in the Conference Center. The doors will open on Monday evening at 7:30 PM ET and the 10SPNE will occur from 8:00 to 10:00 PM ET. The meeting room will be large enough to accommodate 200 people and heavy hors d'oeuvres will be available.

A Vernon Dvorak memorial session is being organized with the 6th Special Symposium on Tropical Meteorology and Tropical Cyclones (6TMC) being the host. Mark DeMaria will be a co-chair. The session will likely be held as the last session on Wednesday afternoon.

### JCSDA (Jim)

Tom said the AMS Symposium on JCSDA will be meeting on Tuesday and he will try to arrange for a room on Wednesday to accommodate an additional session related to our Thematic Day. JCSDA will have sessions on addressing assimilation of satellite observations over land, ocean, cryosphere, and atmosphere along with other related topics.

#### Training and short course work (Jun / Gary)

The virtual short course titled "NOAA Environmental Satellite Enterprise: Applications and Opportunities" consisted of three two-hour sessions conducted on 22, 27, and 29 June. The topics and the instructors for the training sessions were: Monitoring Global Lakes and Reservoirs Using Multi-satellite Observations presented by Hulin Gao and Deep Shah, Monitoring and Predicting the Opening of the Northwest Passage Participation presented by Drs. Jeffrey Key and Yinghui Liu, and Unique Career Pathways Working with Satellite and Their Observations across Various Disciplines presented by Sherrie Morris and Joseph Patton. 250 people from 54 countries registered for the course. The vast majority of the registrants were international. The actual live attendance was significantly lower than the registration number and it is thought this was primarily due to the time differences. The sessions were video recorded and made available to the students on an Iowa Technology Institute YouTube account and the presentations and supporting documents are posted on a CSU/CIRA webpage.

#### Student networking session (Gary)

Planning for the 10<sup>th</sup> Annual Speed Networking Event for Students and Early Career Professionals (10SPNE) at the 2024 AMS Annual Meeting is underway. The planning team has met 2 times since early June. Program Chair Funds have been received from the 20thOESS, 26SatMOC, 12 JCSDA, and 14R2O. These funds total \$4,370. The 10SPNE will occur on Monday evening from 7:30 to 10:00 PM ET. The planning team is working on attracting more mentors since in 2023 the ratio of mentors to mentees was lower than previous years.

#### 2025 conference planning goals and objectives (Kathryn)

In 2025 we can consider session topics and thematic day themes centered around smoke and dust, floods, sea surface temperature, and other sensor products and their use.

### Closing /Action items

- 1) Kathryn and Jordan - Determine if the date for next NOAA Satellite Conference can be changed from 2024 to 2025.
- 2) Kathryn and Jordan - Evaluate whether to continue with the 18-month cadence for the Conference on SatMOC.
- 3) Thematic Day
  - Thomas will determine if the JCSDA Symposium can have a room on Wednesday to host a Thematic Day session.
  - Kathryn, Sara, and Gary will prepare an application for a Town Hall meeting for Wednesday provided the AMS will accept a late application.
  - All – identify people you can provide high level talks that encompasses the session topics.