



Climate Working Group Fall 2023



Working Group Overview

Co-Chairs: Dr. Joellen Russell and Dr. Kirstin Dow

SAB Liaisons: Dr. Don Wuebbles and Dr. Chelle Gentemann

Membership

- Terms ending in 2023:
 - Extension: Joellen Russell and Kirstin Dow
 - First term: Kwabena Asante and Ali Omar
- 12 members total

Activities Since the Summer 2023 SAB Meeting

- Transmitted a review of the Draft Climate Program Office Strategic Plan
- Prepared a white paper, *Organizing US Civilian Operational Oceanography Forecasting Services*, for the Fall 2023 SAB Meeting

Scope and Focus of Current Efforts

- Have new co-chairs approved
- Nominate new members
- Consider supporting mCDR effort at ESMWG

Future

- Welcome new co-chairs
- Recruit new members
- Explore new topics of interest
- Continue to collaborate with the EISWG and other working groups, as appropriate
- Continue to comment on NOAA's climate portfolio programs, as requested
- Continue to deliver informed recommendations per the CWG work plan



Data Archiving and Access Requirements Working Group SAB November 2023 Meeting



Working Group Overview

Acting Co-Chairs: Ilene Carpenter, Chris Lenhardt

SAB liaisons: Ilene Carpenter, Chris Lenhardt

Membership (vacancies, expertise, timing of approval):

- 8 current members (2 in process of renewing)
- 3 new members to be onboarded
- Approval process for 2 additional members (1 co-chair)
- Looking to identify 2nd co-chair among existing/incoming members

NOAA Liaisons:

- Tony LaVoi (NOAA OCIO)

Activities since July 2023 SAB meeting

- Virtual NOAA Data 101 Briefing – August 2023
- In-person meeting (1.5 days) in Silver Spring – September 2023
 - Briefings on AI, PARR, ESMWG, NOAA Data for line offices, NOAA Cloud Program Office
 - Discussions on topics, members, operating procedures
- Virtual NODD Briefing – October 2023

Scope and Focus of Current Efforts

Topics under consideration:

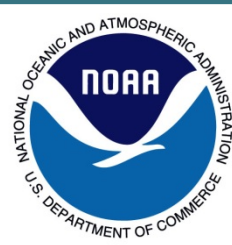
- PARR2, NOAA update of its Public Access to Research Results plan
- How NOAA Common Cloud Framework (NCCF) could scale + NOAA Open Data Dissemination (NODD)
- Data accessibility and usability – including AI ready data
- Impact of generative AI on data – ideally with other WGs

Future

- Additional virtual briefings:
 - Earth Observation Digital Twin
 - PARR
 - International cloud and WMO requirements
 - NCCF on archival layer
- Plan next face-to-face meeting; tent. Spr 2024
- Finalize current membership recruitment effort and onboard new members
- Identify and recruit 2nd co-chair



Ecosystem Sciences and Management Working Group (ESMWG) Fall 2023



Working Group Overview

Chair: Molly McCammon

SAB liaisons: Jon Allan and Steve Weisberg

NOAA Liaisons: Cisco Werner (NMFS); Mark Monaco (NOS); Paul DiGiacomo (NESDIS); Jon Pennock (OAR)

Membership

- 7 Total Members, including 2 new members
- Process underway to recruit at least 4 new members, bringing total to 11

Activities since the Summer SAB meeting

- Held All-Hands meetings in August and October to discuss potential topics and status of recruiting new members
- In-person meeting scheduled for December 7-8, 2023 in Silver Spring, MD; will feature panels on mCDR, the socio-economic impacts of HABs, and coastal resiliency and discussions on use of AI tools and NOAA's role in scaling from research projects to operational systems

Scope and Focus of Current Efforts

- Select new topics
- Determine writing process for reports on new topics
- Recruit new members
- Plan for December in-person meeting

Future

- Continue to seek new members and expertise
- Start reports on topics of interest
- Work with other WGs to provide ecosystem advice as needed
- Arrange for meeting with NOAA Chief Scientist Dr. Sarah Kapnick



Environmental Information Services Working Group (EISWG) SAB November 2023 Meeting



Working Group Overview

Co-Chairs: Brad Colman & Scott Glenn

NOAA SAB Liaison: Zhaoxia Pu & David Grimes

Membership:

- 22 members (today)
 - 5 renewals for approval at this meeting
 - 4 members terms expire December 2023
 - Will bring membership to 18

NOAA Liaisons: Cindy Eisenheimer (NWS), Tamara Battle (OAR), Carl Gouldman (NOS), Martin Yapur (NESDIS)

TSTAP Liaisons: Jeremy Berman & Tom Altshuler

Scope and Focus of Current Efforts

Active EISWG Areas:

- AI/ML NWP: potential new topic
- Water/Drought: Membership evolving, including CWG
- Heat & Human Health: discussions with SMEs
- Systematic Errors/Machine Learning: in triage process

Activities since July 2023 SAB meeting

- Met with SAB Leadership and Staff to advocate for funding for in person EISWG/TSTAP meetings. Concerns communicated to NWS Director.
- Developed and approved new reports: for review at this meeting
 - Gap-filling Radar
 - NESDIS Observing System Backbone
- Reviewed and approved TSTAP Terms of Reference update

EISWG 2023 Monthly Virtual Meeting highlights::

- Briefing from NOS Director Nicole LeBoeuf – August
- Briefing from NWS Director Ken Graham – October

Future

- 2024 Report to Congress
- Follow-up on Space Weather recommendations
- Engage with other NOAA service areas
- Identify potential additional membership to fill social scientist gaps

EISWG 2024 Meetings:

- Briefing from Steve Volz (NESDIS)
- In-person meeting in Boulder, CO, Spring 2024, use to:
 - explore new topics and activities
 - visit relevant NOAA offices (FWX test bed)



Tsunami Science & Technology Advisory Panel (TSTAP) SAB November 2023 Meeting



Panel Overview

Co-Chairs: Rocky Lopes and Corina Allen

Membership: 7 members total

- Going through nomination/approval process for one new member to replace Aurelio Mercado.
- 4 members undergoing approval process for 3-year renewal (for 2nd term)

Activities since July 2023 SAB meeting

- Monthly briefings and discussions in accordance with TSTAP's 2023 workplan, including follow-up discussions actions related to TSTAP quadrennial report recommendations
- White paper on tsunami alerting for complicated waterways
- Reviewed and proposed updates to the TSTAP Terms of Reference

Scope and Focus of Current Efforts

- Monthly meetings covering topics outlined in the 2023 TSTAP work plan including items such as: communities vulnerable to tsunami, NTHMP progress on TSTAP recommendations, briefing with NWS AFSD Director Allison Allen
- Preparing 2023 annual SAB Update Report.

Future

- Continue monthly virtual meetings.
- Complete 2023 annual SAB update report
- Further briefings as prioritized in the 2023 TSTAP Work Plan, develop 2024 Work Plan.
- Co-chair rotation process.
- Planning for next in-person meeting in 2024.