



Climate Working Group Spring 2023



Working Group Overview

Co-Chairs: Joellen Russell, PhD and Kirstin Dow, PhD

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

Membership

- New members approved: None
- New SAB Liaisons: None
- Terms ending in 2023:
 - Extension: Joellen Russell, Kirstin Dow, and Ravi Ravishankara
 - First term: Kwabena Asante and Ali Omar
- 14 members total

Activities Since the Fall 2022 SAB Meeting

- Prepared two white papers for the Spring 2023 SAB meeting
 - Climate Information Needs for 5-10 Year Hazard Mitigation Planning Cycles
 - Air Quality in a Changing Climate: NOAA's Role

Scope and Focus of Current Efforts

- Prepare Organizing Civilian Operational Ocean Forecasting white paper for Summer 2023 SAB meeting
- Review draft of the Climate Program Office Strategic Plan

Future

- 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 April 2023 Meeting



Working Group Overview

Acting Co-Chairs: Chris Lenhardt, Ilene Carpenter

SAB liaisons: Chris Lenhardt, Ilene Carpenter

Membership (vacancies, expertise, timing of approval):

- Chair stepped down in 2023
- New chair (or co-chairs) will be solicited
- Two members rotated off - Will recruit to replace expertise

NOAA Liaisons:

- Adrienne Simonson (NESDIS NCEI)
- Tony LaVoi (NOAA OCIO)

Activities since December 2022 SAB meeting

- On Feb 10th, the acting Co-chairs (SAB Members) and SAB Office Executive Director met with NOAA (Tony LaVoi, Joe Pica, and Adrienne Simonson) to discuss the future of DAARWG and ways to reinvent DAARWG to address current NOAA challenges.
- The SAB Office met with NESDIS to discuss DAARWG Travel budget. NESDIS is still committed to fund DAARWG travel for one meeting in FY23.

Scope and Focus of Current Efforts

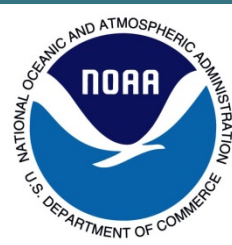
- Rethinking the DAARWG for the 21st century
- Identifying topics related to:
 - Data Access
 - Data Governance
 - Hosting data in the Cloud
 - Archiving Requirements
 - AI and Data Integrity

Future

- Update DAARWG Terms of Reference (ToR)
- Schedule a virtual meeting with the team to discuss the future of DAARWG
- Schedule an in-person meeting in this fiscal year



Ecosystem Sciences and Management Working Group (ESMWG) SAB Spring 2023 Meeting



Working Group Overview

Chair: Molly McCammon

SAB liaisons: Jon Allan and Steve Weisberg

Fisheries liaison: Jon Hare

Membership

- 6 Total Members
- Process underway to recruit at least 5 new members, bringing total to 11

Activities since Fall SAB meeting

- Transmitted the Rapidly Changing Marine Ecosystems (RCME) report
- Met in-person on February 27-28, 2023 to hear from Line Office and SAB Liaisons and discuss potential new topics and member revitalization

Scope and Focus of Current Efforts

- Select new topics
- Recruit new members
- Would appreciate input from SAB members on both

Future

- Re-engage with Line Office Liaisons
- Seek new members and expertise
- Work with other WGs to provide ecosystem advice as needed



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



Working Group Overview

Co-Chairs: Brad Colman and Scott Glenn

NOAA SAB liaison: Zhaoxia Pu

Membership:

- **10 New Members:** Newsha Ajami, Jeremy Berman, Christopher Castro, Tom Hamill, Bradford Johnson, Daniel Kirk-Davidoff, Nina Lam, Derek Posselt, Jamie Vickerie, Xuguang Wang
- **1 Early Retirement (Job Change):** Melissa Finucane
- **23 Total** EISWG members
- Posted advertisement to MAP listserv - Eight self nominations; 4 selected into our new class of members

SAB office: Cynthia Decker, Viviane Silva, Karin Bucht

NOAA liaisons: Cindy Eisenheimer, John Ten Hoeve, Carl Gouldman, Mitch Goldberg

Scope and Focus of Current Efforts

Report to Congress:

- EISWG 2022 Report, approved by SAB on 4/27/22, sent to Congress on 2/7/23
- After Hill staff received it, the SCST requested a briefing with continued follow-up
- Reviewing complete compilation of all EISWG recommendations in 2023 Report to Congress (includes following up with NOAA for updates and progress)
- 2023 report will be delivered for July SAB meeting

EISWG Work Plans:

- Space Weather Statement: Presented to SAB this meeting (4/26)
- Radar Gaps: Will be presented at the SAB July 2023 Meeting
- Radio Occultation: Moving ahead on focused topic
- Water/Drought: still forming; including new member expertise
- Heat & Human Health + Fire Weather: still forming; including new member expertise
- New Project: Getting systematic about systematic errors in numerical weather and climate prediction

Travel:

- EISWG FY24 Budget Plan submitted to NWS

Activities since December 2022 SAB meeting

- New members orientation with SAB Office (Cynthia Decker) and EISWG Co-chairs
- EISWG Co-chairs met with CWG Co-chairs to discuss ways to work together
- Continuing to make progress on focus areas and Weather Act reports to review
- Adopted a new project assessment triage template and process

First EISWG 2023 Meeting:

- Ken Graham (NWS) Director provided welcoming words to new members on first EISWG 2023 meeting & shared his top priorities and thoughts on role of EISWG
- Michelle Mainelli (NWS) provided an update on EISWG's Recommendations on NWS Data Dissemination Challenges - input to 2023 RtC

PWR:

- AMS town hall
- PWR core team met to discuss best practices and potentially continuing charge
- Follow-up with NOAA co-leads for lessons learned and any remaining opportunities

Briefing to the Hill:

- EISWG Co-chairs briefed Senate Committee on Commerce, Science, and Transportation (SCST) Staff on the 2022 Report to Congress (3/16)

Future

- Use triage process template for decide future EISWG Projects; currently being applied to new project on NWP model uncertainty attribution
- Explore new topics enabled by new EISWG members and potential coordination with SAB and other WGs
- Continue sponsoring PWR conversation and actions, including preparing a best practices white paper for SAB future use
- Triage NOAA Upcoming Report: Weather Act Sec. 105: Weather Research and Development Planning Report
- EISWG in-person Meeting - due to budget constraint the meeting has been moved to the next fiscal year (FY24)



Tsunami Science & Technology Advisory Panel SAB April 2023 Meeting



Panel Overview

Co-Chairs: Rocky Lopes and Corina Allen

Membership: 8 members total

- 1 member had to resign due to pressing commitments at his university. A replacement will be nominated through the usual process during 2023.
- 5 members who were appointed in 2020 will consider requesting an additional 3-year renewal.

Scope and Focus of Current Efforts

- Monthly meetings covering topics outlined in the 2023 TSTAP work plan including items such as: national tsunami hazard data, TsunamiReady, social science on tsunami alerting, non subduction zone tsunami hazards, and more.
- Drafting a statement regarding FEMA's National Risk Index, the way tsunami risk is portrayed, and the need for a national tsunami hazard dataset.

Activities since December 2022 SAB meeting

- Submitted 2022 TSTAP annual report to SAB
- Developed 2023 work plan
- Briefing from FEMA's National Flood Insurance Program, Actuarial and Catastrophic Modeling Branch regarding "People at risk"
- Finalized plans for TSTAP in-person meeting (Seattle, first week of May 2023)

Future

- Continue monthly virtual meetings
- In-person meeting in Seattle May 2023
- Reviewing the NOAA Response to the TSTAP Quadrennial Report (once delivered).
- Further briefings as prioritized in the 2023 TSTAP Work Plan.
- Review and propose updates to the TSTAP Terms of Reference.
- Prepare 2023 annual SAB Update