



Climate Working Group Summer 2023



Working Group Overview

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

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

Membership

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

Activities Since the Spring 2023 SAB Meeting

- Transmitted 2 white papers
 - Climate Information Needs for 5-10 Year Hazard Mitigation Planning Cycles
 - Air Quality in a Changing Climate: NOAA's Role
- Prepared a Review of the Draft Climate Program Office Strategic Plan for the Summer 2023 SAB Meeting

Scope and Focus of Current Efforts

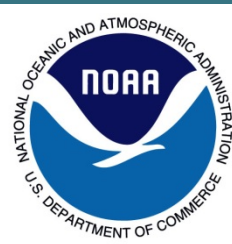
- Prepare Organizing Civilian Operational Ocean Forecasting white paper for the Fall 2023 SAB meeting
- Recruit new members and new Chairs

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 July 2023 Meeting



Working Group Overview

Acting Co-Chairs: Chris Lenhardt, Ilene Carpenter

SAB liaisons: Chris Lenhardt, Ilene Carpenter

Membership (vacancies, expertise, timing of approval):

- One member stepped down
- In process of recruiting new members
- New chair (or co-chairs) will be solicited

NOAA Liaisons:

- Tony LaVoi (NOAA OCIO)

Activities since April 2023 SAB meeting

- June – virtual meeting with DAARWG members to discuss status and next steps for the DAARWG.
- The SAB Office advanced plans for future virtual and in-person meetings.
- Began process of recruiting new members to the DAARWG.

Scope and Focus of Current Efforts

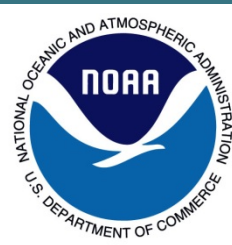
- Rethinking the DAARWG for the 21st century
- Identifying topics related to:
 - Data Access
 - Data Governance
 - Hosting data in the Cloud
 - Archiving Requirements
 - AI and Data Integrity

Future

- Update DAARWG Terms of Reference (ToR)
- Hold virtual meeting in August 2023 with NOAA Data 101 briefing
- Hold an in-person meeting in September 2023



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



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

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

Activities since the Spring SAB meeting

- Met with the Ocean, Coasts, and Great Lakes Team to discuss potential opportunities for collaboration
- Met with NOAA Assistant Secretary Jainey Bavishi to learn about potential topics to pursue
- Held All-Hands meetings in May and June to discuss potential topics and how to recruit new members

Scope and Focus of Current Efforts

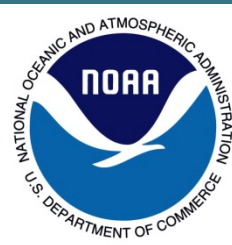
- Select new topics
- Recruit new members
- Would appreciate input from SAB members on both

Future

- Re-engage with Line Office Liaisons
- Seek new members and expertise
- Work with other WGs to provide ecosystem advice as needed
- Seek meeting with NOAA Chief Scientist Dr. Sarah Kapnick
- Schedule a Fall in-person meeting in the DC/Silver Spring area



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



Working Group Overview

Co-Chairs: Brad Colman and Scott Glenn

NOAA SAB Liaison: Zhaoxia Pu

Membership:

- **1 Early Retirement (Job Change):** Jamie Vickery
- **22 Total** EISWG members

SAB Office: Casey Stewart, Viviane Silva, Karin Bucht

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

Activities since April 2023 SAB meeting

- EISWG co-chairs/members consulted with 16 NOAA SME's to gather information for the RtC on NOAA progress on EISWG's recommendations
- The EISWG endorsed use of the triage process template on deciding future EISWG projects; Currently being applied to new project on NWP model uncertainty attribution
- Continuing to make progress on focus areas and Weather Act reports to review

EISWG 2023 Meetings:

- OAR Director Steve Thur shared his top priorities and thoughts on EISWG's role - reiterated the importance of the Report to Congress

PWR:

- SAB approved amended charter at April 2023 meeting

Scope and Focus of Current Efforts

Report to Congress:

- 2023 Report to Congress (RtC) to be presented at the July SAB meeting for approval

EISWG Focus Areas:

- Radar Gaps: Will be presented at the Fall 2023 SAB Meeting
- Radio Occultation renamed to Observing System Backbone; will be presented at the Fall 2023 SAB Meeting
- Water/Drought: to be coordinated with the SAB Climate Working Group (CWG)
- Heat & Human Health: focusing exclusively on heat & human health, will pursue fire weather separately
- Systematic Errors/Machine Learning: beginning triage process

Future

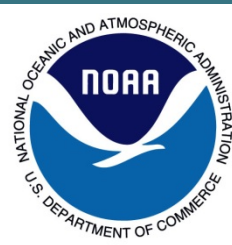
- Continue exploring new topics enabled by new EISWG members and potential coordination with SAB and other WGs (preparation for October in-person EISWG meeting)
- Continue sponsoring PWR conversation and actions, including preparing a best practices white paper for SAB future use (after 2023 RtC)

EISWG 2023 Meetings:

- NOS Director Nicole LeBoeuf will be discussing top priorities and thoughts on EISWG's role during August 2023 meeting
- EISWG in-person meeting in Boulder, CO, planned for 24-25 October 2023, planned visit to SWPC and other NOAA Offices



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



Panel Overview

Co-Chairs: Rocky Lopes and Corina Allen

Membership: 8 members total

- Going through nomination/approval process for one new member to replace Diego Melgar, who had to step down.
- 5 members who were appointed in 2020 will consider requesting an additional 3-year renewal.

Activities since April 2023 SAB meeting

- Held TSTAP in-person meeting in Seattle, with in-depth discussion on NOAA response to the 2021 TSTAP quadrennial report.
- Developed statement regarding FEMA's National Risk Index, the way tsunami risk is portrayed, and the need for a national tsunami hazard dataset.

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 and international Tsunami Ready, social science on tsunami alerting, non subduction zone tsunami hazards, and more.
- White paper on tsunami alerting for complicated waterways.

Future

- Continue monthly virtual meetings.
- 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 Report.
- Planning for next in-person meeting in 2024.