



Climate Working Group Fall 2022



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
- Next terms ending in December 2022:
 - One-Year Extension: Rong Fu
 - Second Term: Joellen Russell, Kirstin Dow, Ravi Ravishankara
- 17 members total

Activities Since the August 2022 SAB Meeting

- Continued biweekly working sessions of three subcommittees working on CWG White Paper Topics
- Ongoing briefings to support development of CWG White Papers

Scope and Focus of Current Efforts

- Work on three White Paper Topics:
 - Emerging Hazards and Vulnerabilities
 - focus on drought, heat, wildfire, and flood at 5-10 year timescales
 - Climate and Air Quality Prediction
 - Organizing Civilian Operational Ocean Forecasting

Future

- Prepare three white papers for the Spring 2023 CWG meeting
- 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 Nov/Dec 2022 Meeting



Working Group Overview

Chair: Jeff de La Beaujardière

NOAA SAB liaisons: Chris Lenhardt, Ilene Carpenter

Membership (vacancies, expertise, timing of approval):

- 2 members declined to renew; 1 member up for renewal
- Jeff will need to step down in 2023; new chair (or co-chairs) will be needed

NOAA Liaisons: Adrienne Simonson (NOAA OCIO),
Tony LaVoi (NOAA OCIO)

Activities since August 2022 SAB meeting

- Orientation with new members
- Report submitted on NESDIS Common Cloud Framework archive project

Scope and Focus of Current Efforts

Any matters related to:

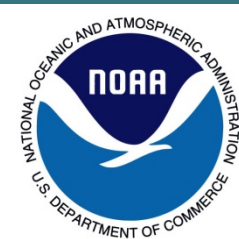
- Data Access
- Data Governance
- Hosting science data in the Cloud
- Archiving Requirements

Future

- Reconsider comments on NOAA Open Data Dissemination (NODD)
- WG welcomes opportunities to support non-NESDIS data issues, e.g.,
 - OAR Earth Prediction Innovation Center (EPIC)
 - NMFS ecological data



Environmental Information Services Working Group (EISWG) SAB Nov/Dec 2022 Meeting



Working Group Overview

Co-Chairs: Brad Colman and Scott Glenn

NOAA SAB liaison: Zhaoxia Pu

Membership (vacancies, extensions, & new-member expertise); request for new class is in consent calendar:

- Four members rotating off (Hooke, Sharp, Zeng, Yuan)
- Three members up for renewal (3 years) and three members up for extension (1 year)
- Proposed ten new members
- Brings total membership to 23

Activities since August 2022 SAB meeting

- Support for PWR continuing - preparation for NOAA response briefing to SAB
- Continuing to make progress on focus areas and Weather Act reports to review
- Held in-person Fall (Oct) meeting at PMEL in Seattle
- Developed and circulated new membership solicitation. Received 8 self nominations and 24 member nominations
- Reviewed, voted, and confirmed new member candidates

Scope and Focus of Current Efforts

Weather Act of 2017 (PL 115-25) report reviews in progress:

- Sec 414 – Study on gaps in NEXRAD coverage and recommendations to address such gaps

Continuing Areas of Interest from 2022:

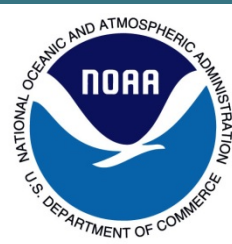
- Radio Occultation - High interest area for NOAA leadership
- Space Weather - NWS MSA not covered by WRFIA or PWR
- Water/Drought - High interest
- Heat & Human Health + Fire Weather - Growing interest
- Title IV – EISWG Social Science Subpanel – continuing to expand social science expertise and coordinate reviews as Social Science is increasingly a part of every EISWG activity

Future

- Follow up conversation with NWS about next steps on the data dissemination concerns
- Continue developing reports/white papers on focus areas/Weather Act reports – goal for products to be delivered at Spring 2023 SAB meeting
- Invite NOAA to present on the new Fire Weather Test Bed (target Spring f2f meeting in Boulder)
- Renew EPIC conversation
- In-person meeting Spring (May) 2023, after SAB meeting
- Address NOAA Response to PWR, as necessary
- Annual Report to Congress - begin process in January 2023



Ecosystem Sciences and Management Working Group (ESMWG) SAB Fall 2022 Meeting



Working Group Overview

Co-Chairs: Molly McCammon, Lisa Wainger, and Jan Newton

SAB liaisons: Jon Allan and Steve Weisberg

Fisheries liaison: Jon Hare

Membership

- 10 Total Members
- **Terms ending in 2022:** Chapman, Newton, Rose, Twilley

Activities since August SAB meeting

- Drafted the Rapidly Changing Marine Ecosystems (RCME) report for submission at the Fall 2022 SAB meeting
- Hosted full virtual ESMWG meetings September 23, 2022 and November 18, 2022
- Co-chairs met with Cisco Werner (NMFS) to discuss future directions

Scope and Focus of Current Efforts

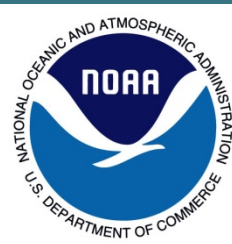
- Finalize RCME report
- Begin planning for in-person meeting

Future

- Determine the next topic(s) for the group to discuss at in person meeting
- Re-engage with line office liaisons
- Seek new members and expertise
- Work with other WGs to provide ecosystem advice as needed



Tsunami Science & Technology Advisory Panel SAB Nov/Dec 2022 Meeting



Panel Overview

Co-Chairs: Rocky Lopes and Rick Wilson

Membership: 8 members total (no recent changes)

Activities since August 2022 SAB meeting

- TSTAP Strategic Plan transmitted to NOAA
- Began drafting SAB annual update from briefings with subject matter experts from NOAA and external organizations
- Met with Ken Graham

Scope and Focus of Current Efforts

- Evaluating new topics under Tsunami Research, Detection, Forecast & Warning, Mitigation & Preparedness, and Resilience as described in P.L. 115-25 as part of SAB annual update

Future

- Finalize annual update to SAB
- Continue monthly virtual meetings
- Tentative in-person meeting in Hawaii in early 2023 (location selected because the Pacific Tsunami Warning Center and Int'l Tsunami Info Center are both in Honolulu)
- Responding to the NOAA Response to the TSTAP Quadrennial Report, if necessary