



Climate Working Group Summer 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:
- New SAB Liaisons:
- 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 April 2022 SAB Meeting

- Climate Ready Nation briefing and discussion with Ko Barrett May 18, 2022
- 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

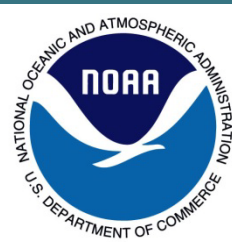
- Work on three White Paper Topics:
 - Emerging Hazards and Vulnerabilities
 - focus on drought, wildfire, heat, and flood at 5-10 year timescales
 - Climate and Air Quality Prediction
 - Organizing Civilian Operational Ocean Forecasting

Future

- Prepare three white papers for the Fall 2022 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 August 2022 Meeting



Working Group Overview

Chair: Jeff de La Beaujardière

NOAA SAB liaisons: Chris Lenhardt, Ilene Carpenter

Membership (vacancies, expertise, timing of approval):

- 5 new members confirmed (Aimee Barciauskas, Annie Burgess, Ethan Davis, Rob Emanuele, and Margaret Levenstein)
- Seeking co-chair among members

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

Activities since April 2022 SAB meeting

- Approval of new members
- Updates and discussions on NESDIS Cloud Archive Project (NCAP)

Scope and Focus of Current Efforts

Any matters related to:

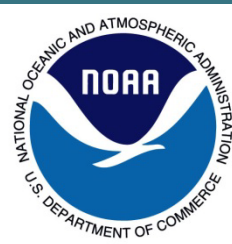
- Data Access
- Data Governance
- Hosting science data in the Cloud
- Archiving Requirements

Future

- Working Group comments on NESDIS Cloud Archive Program
- 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 August 2022 Meeting



Working Group Overview

Co-Chairs: Brad Colman and Scott Glenn

NOAA SAB liaisons: Zhaoxia Pu

Membership (vacancies, expertise, timing of approval):

WG continues to work toward a fall panel of new members:

- Currently 16 members
- Four members rotating off (Hooke, Sharp, Zeng, Yuan)
- Target is 5–7 new members (growing workload; diverse responsibility)
- WG has identified target expertise; now soliciting 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

Areas of Interest:

- Title IV – EISWG Social Science Subpanel – structure to incorporate social science in work plan
- Scoping phase of 5 focus areas/Weather Act report reviews
- Identification of new members

Activities since April 2022 SAB meeting

- Support for PWR continuing. Currently in the communication phase. AMS Summer Forum (July)
- Narrowed down and identified focus areas and Weather Act reports to review
- Met with new NWS Director Ken Graham
- Reviewed and approved S2S Review Report
- Reviewed and approved TSTAP Strategic Plan
- In-person meeting in May

Future

- Follow up conversations with NWS about next steps on the data dissemination concerns
- Continue developing scope for focus areas/Weather Act reports and produce reports/white papers
- Invite NOAA to present on the new Fire Weather Test Bed
- Renew EPIC conversation
- In-person meeting October (Seattle)



Ecosystem Sciences and Management Working Group (ESMWG) SAB August 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

Activities since April SAB meeting

- Drafted an initial outline for the Rapidly Changing Marine Environments (RCME) White Paper and identified next steps.
- Hosted three-part Mini Workshop to further the scoping process of the RCME white paper. Smaller groups now working on chapters.
- Finished ESMWG participation in the SAB Leadership in Coastal Resilience effort.
- Hosted full virtual ESMWG meeting June 22-23, 2022, to discuss progress on white paper and to hear from Line Office liaisons.

Scope and Focus of Current Efforts

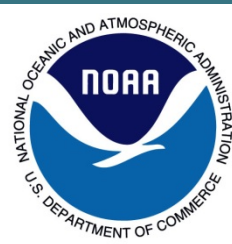
- Developing content and recommendations for the RCME white paper

Future

- Finalize the Rapidly Changing Marine Ecosystem Change white paper
- NOAA Response to Leadership in Coastal Resilience effort will be delivered at the Spring 2023 SAB meeting



Tsunami Science & Technology Advisory Panel SAB August 2022 Meeting



Panel Overview

Co-Chairs: Rocky Lopes and Rick Wilson

NOAA SAB liaison: TBD

Membership: 2 new members confirmed and on-board (8 members total)

Activities since April 2022 SAB meeting

- Tonga report approved and transmitted to NOAA
- Monthly briefings on topics to include in SAB annual update; speakers from NOAA and external
- Approval of TSTAP Strategic Plan by EISWG

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

- Draft 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 is in Honolulu)