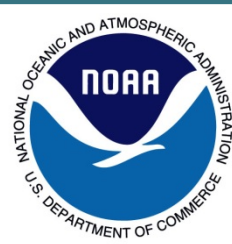




Climate Working Group

December 2021



Working Group Overview

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

SAB Liaisons: Eugenia Kalnay, PhD and Everette Joseph, PhD

Membership

- New members approved: Tamara Wall, Dennis Lettenmaier, Alicia Karspeck, Surabi Menon, Nathalie Mahowald, Anthony Leroy Westerling, Susan Wilhelm
- Next terms ending in December 2022:
 - One-Year Extension: Rong Fu
 - Second Term: Joellen Russell, Kirstin Dow, Ravi Ravishankara
- 10 current members

Activities Since the July 2021 SAB Meeting

- Hosted the Fall 2021 CWG Meeting, November 8 and 15.
- Hosted working sessions for information gathering to begin work on CWG White Paper Topics.

Scope and Focus of Current Efforts

- Beginning work on three new White Paper Topics:
 - Emerging Hazards and Vulnerabilities
 - Climate and Air Quality Prediction
 - Organizing Operational Ocean Forecasting to Support Earth System Prediction and Ecosystem Management Priorities.

Future

- Develop the content for the Spring 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 Archive and Access Requirements Working Group SAB December 2021 Meeting



Working Group Overview

Chair: Jeff de La Beaujardière

NOAA SAB liaisons: Chris Lenhardt, Ilene Carpenter

Membership (vacancies, expertise, timing of approval):
Molly Jahn has stepped back as co-chair but remains member; new co-chair TBD. At the minimum number of members; have started seeking new candidates.

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

Activities since July 2021 SAB meeting

- Met with NOAA Liaisons to discuss new topics for DAARWG's review/advice
- Received briefings from NOAA on two topics for future involvement:
 - NESDIS Cloud Archive Program
 - Big Data Program

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
- Seeking opportunities to support non-NESDIS data issues, e.g.,
 - OAR Earth Prediction Innovation Center (EPIC)
 - NMFS ecological data



Ecosystem Sciences and Management Working Group (ESMWG) SAB December 2021 Meeting



Working Group Overview

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

SAB liaisons: Jon Allan and Steve Weisberg

Membership

- New Members: Lynette Cardoch, Manuel Mejia, John Vavrinec, Manuel Valdés Pizzini
- Next Term Ends: Ed Parnell (Dec 2022)
- 11 Total Members

Scope and Focus of Current Efforts

- Assisting SAB with the Leadership in Coastal Resilience (LCR) Priority Topic.
- Narrowing in on a topic for next ESMWG report that incorporates a rapidly changing marine environment.

Activities since July SAB meeting

- Hosted October 2021 ESMWG to determine the scope of the Rapid Ecosystem Change White Paper
- Wrote initial summary of goals and ideas to enable group input on priority topics for ESMWG White Paper - Ecological forecasting under rapid marine change
- Continued participating in the SAB LCR effort. Met with NOAA representatives to discuss findings from stakeholder focus groups.

Future

- Continue honing ideas for Rapid Ecosystem Change White Paper
- Begin developing LCR report with SAB.
- Begin planning Spring 2022 ESMWG Meeting.



Environmental Information Services Working Group (EISWG) SAB December 2021 Meeting



Working Group Overview

Co-Chairs: Brad Colman and Scott Glenn

NOAA SAB liaisons: Zhaoxia Pu, Jason Hickey

Membership (vacancies, expertise, timing of approval):

- Larger size (18 members) is working well; and is necessary
- One industry member resigned in October 2021, one member on ~1-year sabbatical
- 4 members 1-year extensions
- We will be presenting new candidates in 2022

Activities since July 2021 SAB meeting

- Significant effort supporting Priorities for Weather Research Report (PWR) for SAB
- Received briefing on draft NOAA response to Statement on NWS Data Dissemination challenges
- Received several briefings related to ongoing EISWG activities (S2S update, Navy METOC, EPIC)
- Reviews for Radar Gap study and S2S reports continue
- Reviewed and approved TSTAP report
- Drafted 2021 Report to Congress

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
- Sec 201(3) - Improving Sub-seasonal And Seasonal Forecasts

Weather Act of 2017 (PL 115-25)

Areas of Interest:

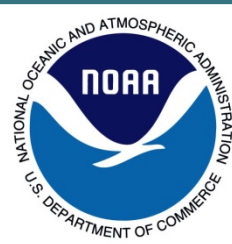
- Title IV – EISWG Social Science Subpanel formed – leverages broad Social Science expertise for all reviews
- EPIC - update brief at December EISWG virtual meeting
- Priorities for Weather Research Report – (9 of 18 current EISWG members participating in PWR)

Future

- Continue supporting PWR Report effort as necessary/appropriate after SAB approval
- Continue NOAA report reviews of Radar Gaps Study and S2S reports (includes collaboration with CWG)
- Follow up conversations with NWS about next steps on the data dissemination concerns
- Continue to explore other Weather Act reports available for EISWG review
- S2S report is first activity for Social Science Subpanel
- Renew EPIC conversation
- Explore new cadence of EISWG meetings



Tsunami Science & Technology Advisory Panel SAB December 2021 Meeting



Panel Overview

Co-Chairs: Rocky Lopes and Rick Wilson

NOAA SAB liaison: TBD

Membership: All members approved. Will need to replace one member who resigned.

Activities since July 2021 SAB meeting

- Completed consensus draft report
- Presented draft report to SAB and EISWG for feedback

Scope and Focus of Current Efforts

- Draft report completed in consensus process
- Consideration of new topics under Tsunami Research, Detection, Forecast & Warning, Mitigation & Preparedness, and Resilience as described in P.L. 115-25.

Future

- Explore new topics in 2022 for intermediate report and request briefings from NOAA or other external SMEs when needed