



Climate Working Group

March 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: Ali Omar, PhD; Kwabena Asante, PhD
- CWG Requests 1 year extension: Rong Fu, PhD
- Next term-ends: Paul Fleming (June 2021)
- 11 current members

Activities Since the October 2020 Meeting

- Discussion with the Weather Water Climate Board on November 20, 2020 about operational oceanography and ocean forecasting
- Provided updates and socialized recommendations for the white paper, “Advancing Earth System Prediction” to the NOAA Climate Team in February 2021
- Held working focus sessions and finalized white paper, “Advancing Earth System Prediction”
- Participated in a joint working session with the EISWG on NOAA Service Delivery and Decision Support

Scope and Focus of Current Efforts

- Collaboration with EISWG to review Seasonal to Subseasonal Forecasting Report from NOAA to Congress
- Awaiting request to comment on the NOAA Climate and Fisheries Initiative Implementation Approach being developed by the NOAA Climate Team
- Awaiting request to comment on the Coastal Inundation at Climate Timescales White Paper being developed by the NOAA Climate Team

Future

- Develop the content for the Spring 2021 CWG meeting and coordinate with speakers (April 7-8, 2021)
- 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 work plan



Data Archive and Access Requirements Working Group SAB March 2021 Meeting



Working Group Overview

Co- Chairs: Jeff de La Beaujardiere and Molly Jahn

NOAA SAB liaison: Chris Lenhardt

Membership (vacancies, expertise, timing of approval):

At the minimum number of members. Have started discussions for adding new members.

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

Activities since October 2020 SAB meeting

- Approval of new co-chair
- Discussions of possible new members
- Feedback on the Cloud and Data Implementation Plans (presented at this meeting)

Scope and Focus of Current Efforts

- Building relationship with NESDIS/NCEI
- Data Access
- Data Governance
- Hosting science data in the Cloud
- Archiving Requirements

Future

- Identifying potential future topics for involvement, particularly to increase membership in those areas
- EPIC (pending NOAA activity)
- Identifying opportunities to support non-NESDIS data issues



Ecosystem Sciences and Management Working Group SAB March 2021 Meeting



Working Group Overview

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

Acting NOAA SAB liaison: Denise Reed

Membership

- Granted approval for Co-Chairs: Molly McCammon, Lisa Wainger, and Jan Newton
- Recent Renewals: Molly McCammon and Lisa Wainger recently approved for second term
- Eight current members

Scope and Focus of Current Efforts

- Determining the scope and role of the ESMWG for the SAB Leadership in Coastal Resilience priority topic and other potential coastal resilience topics.
- Determining ESMWG role and scope in Changing Marine Environment/Living Marine Resources topic.
- Considering expertise needed for new WG members as new topics are taken on.

Activities since October SAB meeting

- Transitioned to new Co-Chairs
- Met in Nov. 2020 to continue work on the Decision Making under Deep Uncertainty (DMDU) report.
- Completed DMDU report (SAB report out).
- Held two meetings in Jan. and Mar. 2021 to learn about NOAA's Coastal Resilience efforts and needs.

Future

- Prepare the content and materials for the next ESMWG Meeting (May 2021)
- Develop WG member nomination packages for SAB consideration.



Environmental Information Services Working Group SAB March 2021 Meeting



Working Group Overview

Co-Chairs: Brad Colman and Scott Glenn

NOAA SAB liaisons: TBD

Membership (vacancies, expertise, timing of approval):

- Renewal for co-chair Brad Colman in progress.
- New members not needed at this time (currently 20 members)

Activities since October 2020 SAB meeting

- New Co-Chair
- Review of NOAA report on Hurricane Forecast Improvement Program (HFIP) submitted to NOAA
- Multiple virtual meetings on determining new focus areas to address and preparation for several on-going report reviews
- CWG/EISWG collaborations: (a) joint briefing on Service Delivery and Decision Support; (b) initial meeting to assess mutual interests in S2S report review
- Exploring NOAA Data Throttling issue and solutions

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 group proposed
 - EPIC- monitoring evolution; and awaiting results of RFP and final strategic plan
 - Sec 401 – New focus areas
 - Sec 401(c)- Next Report to Congress

Future

- Supporting the FY21 Omnibus Appropriations report
- Selection of focus areas and forming of new task teams
- Renew EPIC conversation after RFP funding decisions
- Collaborate with CWG in review of S2S report from NOAA
- Review of NOAA Radar Gaps Study
- Draft 2020 Report to Congress (for approval at July SAB meeting)
- Continue supporting TSTAP with two EISWG Liaisons
- Holding 1:1 meetings between members and co-chairs



Tsunami Science & Technology Advisory Panel SAB March 2021 Meeting



Panel Overview

Co-Chairs: Rocky Lopes and Rick Wilson

NOAA SAB liaison: TBD

Membership: All members approved. No need for addition/new members at this time.

Activities since October SAB meeting

- Members compiled a number of draft recommendations and supporting information; recommendations have subsequently been consolidated/reorganized
- Held many briefings with SMEs to inform recommendations

Scope and Focus of Current Efforts

- Wrap up SME briefings
- For each recommendation thus far, confirming Findings and Observations to support it
- Aligning recommendations under topics of Tsunami Research, Detection, Forecast & Warning, Mitigation & Preparedness, and Resilience as described in P.L. 115-25.

Future

- Finalize recommendations and supporting information
- Begin drafting report (initial draft due to SAB July 2021)