



# Climate Working Group

## July 2021



### Working Group Overview

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

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

#### Membership

- Next terms ending in December 2022:
  - One-Year Extension: Rong Fu
  - Second Term: Joellen Russell, Kirstin Dow, Ravi Ravishankara
  - First Term: Michael Anderson, Cecilia Bitz, Le Jiang, Susan Wijffels
- 11 current members
- Membership justification package being developed for nine new candidates with six alternates

### Activities Since the March 2021 Meeting

- Hosted the Spring 2021 CWG Meeting, April 7-8.
- Hosted numerous working sessions for the review of the NOAA Climate and Fisheries Initiative Implementation Approach and Coastal Inundation at Climate Timescales White Paper.
- Hosted working sessions to decide on membership candidates and determine next CWG white paper topics:
  - Emerging Hazards and Vulnerabilities
  - Climate and Air Quality Prediction
  - Organizing Civilian Operational Ocean Forecasting to Support Climate / Earth System Prediction and Ecosystem Management

### Scope and Focus of Current Efforts

- Completing review of the NOAA Climate Team's NOAA Climate and Fisheries Initiative Implementation Approach with assistance from the ESMWG.
- Completing review of the NOAA Climate Team's Coastal Inundation at Climate Timescales White Paper with assistance from the ESMWG.

### Future

- Develop the content for the Fall 2021 CWG meeting (date TBD).
- 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 July 2021 Meeting



## Working Group Overview

**Co- Chair:** Jeff de La Beaujardiere

**NOAA SAB liaison:** Chris Lenhardt

**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)

## Scope and Focus of Current Efforts

Any matters related to:

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

## Activities since March 2021 SAB meeting

- Met with NOAA Liaisons to discuss new topics for DAARWG's review/advice
- Discussions of possible new members

## Future

- Prefer that NOAA or SAB identify topics where DAARWG input would be useful.
- Would welcome opportunities to support non-NESDIS data issues – NMFS, OAR, NWS
- Earth Prediction Innovation Center (EPIC) may provide data archive & access challenges



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



## Working Group Overview

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

**Acting NOAA SAB liaison:** Denise Reed

### **Membership**

- Eight current members
- Working on membership nominations

## Activities since March SAB meeting

- Hosted May 2021 ESMWG Meeting with discussion about a rapidly changing marine environment and NOAA's satellite capabilities.
- Hosted July 2021 ESMWG Meeting with discussions about ecological forecasting.
- Five LCR planning meetings, five LCR stakeholder meetings, and two LCR focus group meetings.

## Scope and Focus of Current Efforts

- Assisting SAB with the Leadership in Coastal Resilience (LCR) Priority Topic.
- Assisting with Climate Working Group (CWG) review of NOAA Climate and Fisheries Initiative Implementation Plan and Coastal Inundation at Climate Timescales White Paper.
- Narrowing in on a topic for next ESMWG report that incorporates a rapidly changing marine environment.

## Future

- Two additional LCR focus group meetings.
- Begin developing LCR report with SAB.
- Begin planning September 2021 ESMWG Meeting.
- Continue ongoing efforts regarding next ESMWG report.



# Environmental Information Services Working Group (EISWG) SAB July 2021 Meeting



## Working Group Overview

**Co-Chairs:** Brad Colman and Scott Glenn

**NOAA SAB liaisons:** TBD

**Membership (vacancies, expertise, timing of approval):**

- Larger size (20 members) is working well; and is necessary
- We paused one members term with 2 years remaining (overcommitted)
- New members not needed at this time
  - We will be presenting new candidates in Fall 2022

## Activities since March 2021 SAB meeting

- Significant effort supporting Priorities for Weather Research Report (PWR) Report to Congress (refer to briefing slides)
- Statement on NWS Data Dissemination challenges submitted to NOAA (June)
  - Next step is to set up coordination meeting
- Formed review teams for Radar Gap study and S2S
- Drafted 2020 Report to Congress (for approval at July SAB meeting)
- Established monthly virtual meetings - workload and to mitigate negative impacts of no face-to-face meetings

## 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:

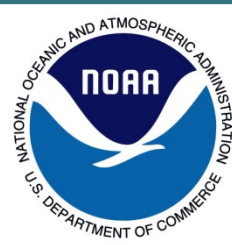
- Title IV – EISWG Social Science group proposed
- EPIC- monitoring evolution; RFP awarded to Raytheon; need to finalize next steps
- Priorities for Weather Research Report – (9 of 20 current EISWG members participating in PWR)

## Future

- Continue supporting PWR Report effort
- Report Reviews: NOAA Radar Gaps Study and S2S Report (includes collaboration with CWG)
- NOAA Brief on S2S Report (late July; CWG members invited)
- Follow up conversations with NWS about next steps on the data dissemination concerns
- Explore other Weather Act reports available for EISWG review
- Formation of Social Science Subpanel
- Renew EPIC conversation
- TSTAP brief (late July; continue with EISWG Liaison support)
- Navy Brief on Met-Ocean Forecasting Activities (August)



# Tsunami Science & Technology Advisory Panel SAB July 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 March 2021 SAB meeting

- Completed briefings with SMEs to inform recommendations
- Members finished compiling draft recommendations and supporting information; recommendations have subsequently been consolidated/reorganized
- Drafted outline/report and initially reviewed by members

## Scope and Focus of Current Efforts

- Finalizing draft report (structure and content)
- 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 for first draft
- Present draft report for SAB feedback at August SAB meeting