



# Climate Working Group Spring 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: Tamara Wall, Dennis Lettenmaier, Alicia Karspeck, Surabi Menon, Nathalie Mahowald, Anthony Leroy Westerling, Susan Wilhelm
- New SAB Liaisons: Chelle Gentemann, Don Wuebbles
- 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 December 2021 SAB Meeting

- Hosted the Winter 2022 CWG New Member Orientation, January 24, 2022
- Began biweekly working sessions of three subcommittees working on CWG White Paper Topics.

## Scope and Focus of Current Efforts

- Work on three 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

- 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 April 2022 Meeting



## Working Group Overview

**Chair:** Jeff de La Beaujardière

**NOAA SAB liaisons:** Chris Lenhardt, Ilene Carpenter

**Membership (vacancies, expertise, timing of approval):**  
Identified 6 potential new members; currently sending through approval process

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

## Activities since December 2021 SAB meeting

- Briefings & discussion on NOAA Open Data Dissemination (NODD, formerly Big Data Project) and NESDIS Cloud Archive Project (NCAP).
- Will provide comments on NCAP.
- Canvassing to identify new members.

## 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



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



## Working Group Overview

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

**SAB liaisons:** Jon Allan and Steve Weisberg

### **Membership**

- Ed Parnell (Left: Feb 2022)
- 10 Total Members

## Activities since December SAB meeting

- Drafted an initial outline for the Rapidly Changing Marine Environments ESMWG White Paper and identified next steps.
- Hosted three part Mini Workshop to further the scoping process of the Rapidly Changing Marine Ecosystems White Paper
- Finished ESMWG participating in the SAB Leadership in Coastal Resilience effort.

## Scope and Focus of Current Efforts

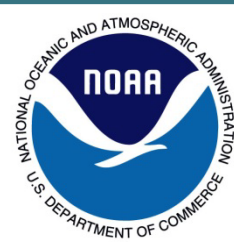
- Complete ESMWG participation in the Leadership in Coastal Resilience (LCR) report.
- Narrowing the focus of and developing content for the Rapidly Changing Marine Ecosystems (RCME) white paper.

## Future

- Draft the Rapid Ecosystem Change White Paper
- Finalize participation in the LCR report (to be shared with NOAA)
- Plan Spring 2022 ESMWG Meeting in Alaska



# Environmental Information Services Working Group (EISWG) SAB April 2022 Meeting



## Working Group Overview

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

**NOAA SAB liaisons:** Zhaoxia Pu and Jason Hickey

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

New members will be discussed beginning in early summer 2022; candidate member nominations to be submitted for the early winter SAB meeting.

## Activities since December 2021 SAB meeting

- Support for PWR winding down. Currently in the communication phase. AMS Town Hall (>160 attendees); briefed House Science, Space and Technology Committee; Report in Brief posted; AMS Washington Forum (Apr, 2022)
- Developing new work plan, including focus areas of interest to EISWG and reviewing additional Weather Act reports
- Received NOAA briefing on space weather
- Reviewed and approved TSTAP membership and special report
- Drafted 2022 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:

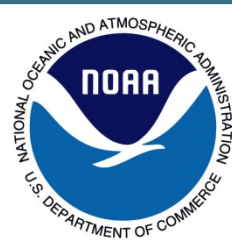
- Title IV – EISWG Social Science Subpanel formed – leverages broad Social Science expertise for all reviews
- EPIC - update brief at December '21 EISWG virtual meeting
- 8 focus areas developed by EISWG in early 2021 being revisited (delayed due to PWR)

## Future

- 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
- Continue developing scope for focus areas of interest – Space Weather topic is moving forward
- Renew EPIC conversation



# Tsunami Science & Technology Advisory Panel SAB April 2022 Meeting



## Panel Overview

**Co-Chairs:** Rocky Lopes and Rick Wilson

**NOAA SAB liaison:** TBD

**Membership:** In process of bringing 2 new members on-board, pending NOAA approval.

## Activities since December 2021 SAB meeting

- First quadrennial report approved by SAB and sent to NOAA
- Drafted report on Tonga event (presenting for SAB approval at April 2022 meeting)
- Drafted Strategic Plan

## Scope and Focus of Current Efforts

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

## Future

- Monthly meetings
- Meet with speakers (NOAA and external) for topics under annual work plan
- Begin drafting annual report to SAB