



# Climate Working Group

## October 2020



### Working Group Overview

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

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

#### Membership

- Granted approval for Co-Chair: Kirstin Dow, PhD
- New members: Alice Hill (April 2021); Ali Omar, PhD; Kwabena Asante, PhD
- Next term-ends: Rong Fu, PhD; Paul Fleming (June 2021, eligible for one-year extensions)

### Activities Since the July 2020 Meeting

- Review of the Precipitation Prediction Grand Challenge Strategic Plan (SAB accepted)
- Held focused discussions and completed first draft of the next white paper, "Advancing Earth System Prediction"
- Provided updates and socialized white paper to the NOAA Climate Team and in open session of CWG Fall Meeting
- Held annual CWG Fall meeting (virtually)

### Scope and Focus of Current Efforts

- Finalizing white paper, "Advancing Earth System Prediction"
- Pending collaboration with EISWG to review S2S Reports from NOAA to Congress
- Awaiting requests to comment on NOAA's Weather, Water, and Climate Board products: Climate and Fisheries Initiative; Coastal Inundation at Climate Timescales

### Future

- Present white paper to an upcoming SAB Meeting
- Develop the content for the Spring 2021 meeting and coordinate with speakers
- 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 October 2020 Meeting



## Working Group Overview

## Activities since July 2020 SAB meeting

**Co- Chairs:** Chelle Gentemann (resigned 9/30), Molly Jahn

**NOAA SAB liaison:** Robert Grossman

**Membership (vacancies, expertise, timing of approval):**  
Added 4 new members. Awaiting approval for new co-chair Jeff de La Beaujardiere. Will discuss more new members at next meeting.

**NOAA Liaison:** Adrienne Simonson (NOAA OCIO), Frank Indiviglio (NOAA OCIO)

- Approval of 4 new members.
- Discussion of Cloud and Data Strategic Plans
- Participation in the Environmental Data Management Workshop

## Scope and Focus of Current Efforts

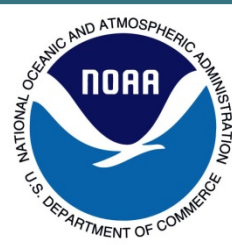
## Future

- Building relationship with LO
- Data Access
- Data Governance
- Transfer of science data to the cloud
- Archiving Requirements

- Feedback on the Cloud and Data Implementation Plans (once released by NOAA)
- Increasing membership above minimum 8 members
- Cloud accessibility
- AI
- EPIC
- Identifying synergies between LO



# Ecosystem Sciences and Management Working Group SAB October 2020 Meeting



## Working Group Overview

Co-Chairs: Michael Castellini and Robert Johnston  
NOAA SAB liaison: Mike Donahue

Membership :

- Both co-chairs 2<sup>nd</sup> terms renewed for one year to January, 2021.
- Three ESMWG members have agreed to serve as Co-chairs: Lisa Wainger, Molly McCammon and Jan Newton. Their files have been presented to the SAB for consideration and nomination.

## Activities since December SAB meeting

- Planning underway for work on Decision Making under Deep Uncertainty topic.
- Deep Uncertainty experts spoke at a July 16-17 workshop to inform working group.
- Notes from the July workshop have been compiled as beginning of report content.
- Report outline completed and writing of draft sections has commenced.

## Scope and Focus of Current Efforts

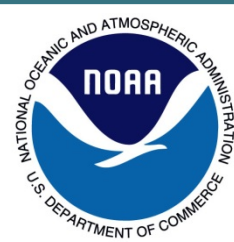
- Work started on Decision Making Under Deep Uncertainty (DMDU) topic.
- Held an online meeting in May of the working group.
- Meeting Nov. 17-18. Main topic will be work on the DMDU Report.
- Co-Chairs have participated in SAB meetings and efforts to refine work plans for upcoming year.

## Future

- ESMWG looks to the SAB and NOAA for a response to the Topic 9 Next ESMWG meeting: November 2020 meeting of the working group.
- Finalize SAB nomination and approval of new Co-Chairs.



# Environmental Information Services Working Group SAB October 2020 Meeting



## Working Group Overview

**Co-Chairs:** John Snow and Brad Colman

**NOAA SAB liaisons:** Bob Winokur

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

- Eight new members recently approved
- Discussion is underway on replacing John Snow as co-chair (who's term runs through 2020)

## Activities since July 2020 SAB meeting

- New member SAB orientation (Cynthia)
- Multiple virtual meetings on new tasks/topics to address, co-chair replacement, HFIP, and CWG collaboration
- Finalized review of NOAA report on Hurricane Forecast Improvement Program; presenting at October SAB Meeting
- Submitted 2020 Report to Congress
- Participated in the nomination committee for TSTAP
- Presented at CWG September meeting on collaboration efforts

## Scope and Focus of Current Efforts

**SAB Work Plan Activities:**

- Weather Act of 2017 (PL 115-25) report:
  - Sec 104(c) - Hurricane Forecast Improvement Program Review (presenting to SAB)
- Identification of topic - FY20-21 SAB work plan
- Weather Act of 2017 (PL 115-25) Areas of Interest:
  - Sec 201(3) - Improving Sub-seasonal And Seasonal Forecasts
  - Title IV – Social Science (request by Louis Uccellini)
  - EPIC- monitoring evolution; and awaiting results of RFP and final strategic plan

## Future

- Discussion and prioritization of Areas of Interest and forming of new task teams
- Continue EPIC conversation when RFP blackout lifted
- Continue collaboration efforts between EISWG and CWG
- Expecting to get the final S2S report from NOAA
- Support TSTAP with two EISWG Liaisons
- Replace co-chair



# Tsunami Science & Technology Advisory Panel SAB October 2020 Meeting



## Panel Overview

Co-Chairs: Rocky Lopes and Rick Wilson  
NOAA SAB liaison: Bob Winokur

Panel members were appointed in July.

Panel held a first meeting in late August. The panel has been meeting every 2 weeks since.

## Activities since December SAB meeting

- Panel named co-chairs.
- The panel reviewed its charge and *Terms of Reference*.
- The panel reviewed 44 recommendations in the NAS *Tsunami Warning and Preparedness* report (2011) to consider status of actions on these recommendations.
- Co-Chairs prepared a spreadsheet for panel members to develop recommendations.

## Scope and Focus of Current Efforts

- Work started on reviewing the 2011 NAS *Tsunami Warning & Preparedness* report on US tsunami science and activities. This may be the basis of the initial work by the panel
- Panel is receiving briefings from SMEs on particular topics.
- Aligning recommendations under topics of Tsunami Research, Detection, Forecast & Warning, Mitigation & Preparedness, and Resilience as described in P.L. 115-25.

## Future

The panel will...

- receive briefings from SMEs on topics that may be selected for recommendations.
- develop recommendations for consideration to include in report due in June, 2021.
- use a consensus process to consolidate recommendations for highest priority actions.