



Climate Working Group SAB December 2019 Meeting



Working Group Overview

Chair/Co-Chairs: Russell

NOAA SAB liaison(s): Kalnay and Joseph

Membership (vacancies, expertise, timing of approval):

- Submitted requests for second term: Russell, Dow, Ravishankara (September 2022).
- Recommended new members for: Roemmich, Zhang, Mote, Murtugudde. Approved new members are: Cecilia Bitz, Michael Anderson, Susan Wijffels, and Le Jiang.

Activities since July 2019 SAB meeting

- Planned and held an in-person Fall Meeting.
- Finalized the content of a white paper.
- Discussed a potential collaboration with EISWG to review S2S Reports from NOAA to Congress.
- Finalized dates for the Spring 2020 virtual meeting.
- Submitted a membership package to the SAB with: 3 second term requests; 4 candidates for replacement positions; 4 alternate candidates; and an co-chair recommendation.
- Developed a draft 2020-2022 work plan

Scope and Focus of Current Efforts

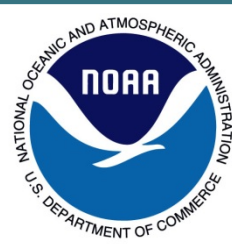
- Develop a white paper that will review current capabilities and future opportunities for Subseasonal-to-Seasonal-to-Decadal (S2S2D) forecasting.
- Pending collaboration with EISWG to review S2S Reports from NOAA to Congress.
- Provide comments on NOAA's 2020 Ocean Acidification Strategic Plan.
- Provide comments on NOAA's climate-related programs as requested by the NOAA Climate Team.

Future

- Update the SAB at the next meeting.
- Develop the content for the Spring 2020 in-person meeting and coordinate with NOAA partners on presentations.
- Continue to collaborate with the EISWG.
- Continue to comment on NOAA's climate-related programs as requested by the NOAA Climate Team.
- Continue to deliver informed recommendations per the work plan.



Data Archive and Access Requirements Working Group SAB December 2019 Meeting



Working Group Overview

Chair: Chelle Gentemann

NOAA SAB liaison(s): Robert Grossman

Membership (vacancies, expertise, timing of approval):
4 new members; WG asked to suggest new additional members

NOAA Liaison: Ed Kearns (NOAA CDO), Adrienne Simonson (NOAA OCIO)

Activities since July 2019 SAB meeting

- DAARWG met in-person September 26-27
 - NCEI
 - CLASS
 - NOAA Data Activities
 - Discussion SAB Work Plan topic 4
- Drafted white paper on SAB Work Plan topic 4

Scope and Focus of Current Efforts

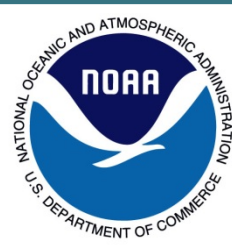
- Data Access

Future

- Schedule spring in-person meeting
- Membership expansion
- Cloud accessibility
- AI
- EPIC



Ecosystem Sciences and Management Working Group SAB December 2019 Meeting



Working Group Overview

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

Membership :

- Two members' terms up for renewal (12/19).
- Both co-chairs 2nd terms expire 1/20. Requests for one-year extension submitted for review.

Activities since July and September SAB meetings

- Report on Topic 9 in final stages of internal review. Major focus of October committee meeting.
- Two members and both co-chairs extensions submitted for review
- Proposed topics on Decision Making under Uncertainty and Ecosystem Aspects of Aquaculture supported at SAB July meeting.

Scope and Focus of Current Efforts

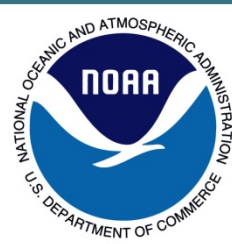
- Topic 9 report on technologies for stock assessment presented at December 2019 SAB.
 - New fish aging methods
 - Remote monitoring via unmanned vehicles
 - “Omics” such as eDNA for molecular approaches
- Work begins on Decision Making and Aquaculture topics at October ESMWG meeting

Future

- ESMWG looks to the SAB to approve the Topic 9 Report.
- NOAA review and comments on the Citizen Science Report (on Dec. SAB agenda).
- New topics for SAB 20-21 Work plan approved
- Next ESMWG meeting: May 2020 in Boulder.
- Identify prospective new members for nomination, in coordination with SAB



Environmental Information Services Working Group SAB December 2019 Meeting



Working Group Overview

Co-Chairs: John Snow and Brad Colman

NOAA SAB liaisons: Bob Winokur and Everette Joseph

Membership (vacancies, expertise, timing of approval):

- Package for 2nd-term renewals and 1-year extensions will be sent to the SAB for approval by 27 November
- Package for new members and new co-chair (to replace John Snow) sent to SAB mid-year 2020

Activities since July 2019 SAB meeting

- Several members participated in EPIC Summit (Boulder, August)
- Virtual Working Group meeting (August)
- Submitted initial written EPIC report and recommendations to SAB (September)
- Presented on EPIC at September SAB teleconference
- Virtual Working Group meeting (October)
- Began organizing a small task group to prepare an initial draft review of NOAA report on Hurricane Forecast Improvement Program

Scope and Focus of Current Efforts

SAB Work Plan Activities:

- Identification of topic - FY20-21 SAB work plan
- Weather Act of 2017 (PL 115-25) Topic Areas of Interest:
 - Sec 104(c) - Hurricane Forecast Improvement Program
 - Sec 201(3) - Improving Sub-seasonal And Seasonal Forecasts
 - EPIC- monitoring evolution and awaiting emission of the August meeting report and the RFP

Future

- January 2020 in-person EISWG meeting at the National Weather Center
- EISWG annual report to Congress- will be sent to SAB in mid-spring 2020
- Expecting receipt of responses from NOAA regarding recommendations in 2019 report to the Congress and in reports regarding improvements to OSSE, tornado forecasting, and initial EPIC efforts
- Review of NOAA report on Hurricane Forecast Improvement Program, possibly with recommendations, to SAB mid-year 2020