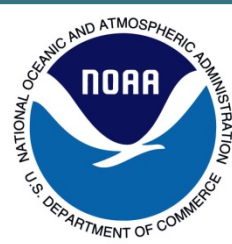




Climate Working Group SAB April 2020 Meeting



Working Group Overview

Chair: Russell

NOAA SAB liaisons: Kalnay and Joseph

Membership (vacancies, expertise, timing of approval):

- Granted approval for second terms: Joellen Russell, Kirstin Dow, A.R. Ravishankara (September 2022).
- Granted approval for new members. Recent alumni include Dean Roemmich, Philip Mote, Raghu Murtugudde. Approved new members include: Cecilia Bitz, Michael Anderson, Susan Wijffels, and Le Jiang.

Activities Since the December 2019 SAB Meeting

- Finalized the content of a white paper, “S2S2D: A Pathway to Improved Prediction.”
- Finalized the review of the “NOAA Ocean and Great Lakes Acidification Research Plan.”
- Presented on the previous items in multiple NOAA *fora*, including the Weather, Water, Climate Board
- Began the research/discussions for the next white paper, “Advancing Earth System Prediction.”
- Discussed potential collaborations with EISWG.
- Planned and held the in-person Fall Meeting and planned the Spring Meeting.
- Drafted the FY2021-FY2023 work plan.

Scope and Focus of Current Efforts

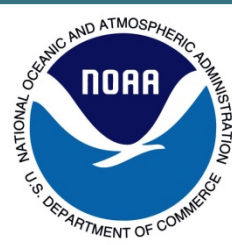
- Develop a white paper, “Advancing Earth System Prediction.”
- Pending collaboration with EISWG to review S2S Reports from NOAA to Congress.
- Provide comments on NOAA’s climate portfolio programs as requested by the NOAA Climate Team.

Future

- Update the SAB at each meeting.
- Develop the content for the Spring 2020 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 by the NOAA Climate Team.
- Continue to deliver informed recommendations per the work plan.



Data Archive and Access Requirements Working Group SAB April 2020 Meeting



Working Group Overview

Co- Chairs: Chelle Gentemann, Molly Jahn (pending approval)

NOAA SAB liaison(s): Robert Grossman

Membership (vacancies, expertise, timing of approval):
In process of adding 3-4 new members,

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

Activities since December 2019 SAB meeting

- Submitted white paper on SAB Work Plan topic 4 to NOAA (via SAB)
- Telecon in late February to discuss new members

Scope and Focus of Current Efforts

- Data Access

Future

- Next in-person meeting April 29-30
- Meeting with Steve Volz to discuss comments on white paper (tentative)
- Membership expansion
- Cloud accessibility
- AI
- EPIC



Ecosystem Sciences and Management Working Group SAB April 2020 Meeting



Working Group Overview

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

Membership :

- Two members' terms renewed.
- Both co-chairs 2nd terms renewed for one year to January, 2021

Activities since December SAB meeting

- Two members and both co-chairs extensions were renewed.
- Planning underway for work on Decision Making under Deep Uncertainty topic. Topic supported at SAB July and December meetings.
- Invited Deep Uncertainty experts to inform working group at May ESMWG meeting.

Scope and Focus of Current Efforts

- Topic 9 report on New Technologies for Stock Assessment completed and sent to NOAA for response in January, 2020.
- NOAA interim response to Citizen Science report delivered at December SAB meeting.
- Work started on Decision Making Under Deep Uncertainty topic.
- Planning for May in-person ESMWG meeting.

Future

- ESMWG looks to the SAB and NOAA for a response to the Topic 9 Report.
- New topics for SAB 20-21 Work Plan approved.
- Next ESMWG meeting: May 2020 in Boulder.
- Identify prospective new co-chairs and members for nomination, in coordination with SAB.
- Consider additional topics for working group efforts, in coordination with SAB 20-21 Work Plan.



Environmental Information Services Working Group SAB April 2020 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):

- Renewals and extensions were approved at the December SAB Meeting
- WG is developing a panel of nominees for a new class of members. After proper vetting and review by NOAA Liaisons, nomination package will be sent to SAB for approval in time for July meeting
- Discussion is underway on replacing John Snow (who's term runs through 2020)

Activities since December 2019 SAB meeting

- In-person meeting in Norman, OK, January 28-29 – discussed EPIC, Report to Congress, membership, S2S report, HFIP report
- Virtual meeting March 2 – discussed EPIC, membership, Report to Congress, and HFIP report
- Received NOAA response to August EPIC report, OSSE report, and TWFIP report
- Met with SAB's Climate Working Group to discuss collaboration on assessing NOAA's Precipitation Prediction Grand Challenge strategy

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 – forming tiger team to work on report
 - Sec 201(3) - Improving Sub-seasonal And Seasonal Forecasts
 - EPIC- monitoring evolution and awaiting emission of the RFP and final strategic plan
- Collaboration with SAB's CWG on assessing NOAA's Precipitation Prediction Grand Challenge strategy

Future

- Continue EPIC conversation and communicate when deemed valuable
- Explore idea of cross assignment of members on tiger teams between EISWG and CWG
- June 2020 in-person EISWG meeting, location TBD
- EISWG annual report to Congress - draft in progress and will be sent to SAB in late-spring 2020
- Expecting to get the final S2S report from NOAA
- Review of NOAA report on Hurricane Forecast Improvement Program, possibly with recommendations, to SAB mid-year 2020