



Climate Working Group

July 2020



Working Group Overview

Co-Chair: Joellen Russell

Interim Co-Chair: Kirstin Dow

SAB Liaisons: Eugenia Kalnay and Everette Joseph

Membership (vacancies, expertise, timing of approval):

- New member package with proposed members who will broaden expertise as well as diversity and inclusion; also requesting approval for Kirstin Dow as a co-chair.
- Recent alumni include Lesley-Ann Dupigny-Giroux, Philip Mote, Raghu Murtugudde, Dean Roemmich.

Activities Since the April 2020 Meeting

- Hosted the CWG Spring Meeting with presentations and discussions to inform the white paper (May 15th and 19th) and discussions that included updates from the SAB liaisons, EISWG co-chairs, NOAA initiative leads (May 28th and 29th).
- Began the discussions and research for the next white paper, [Advancing Earth System Prediction](#).
- Updated the [FY2021-FY2023 Work Plan](#).

Scope and Focus of Current Efforts

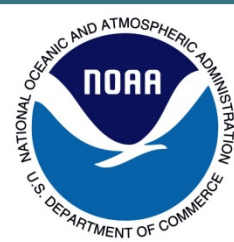
- Developing a white paper, [Advancing Earth System Prediction](#).
- Pending collaboration with EISWG to review S2S Reports from NOAA to Congress.
- Pending requests to review NOAA's climate portfolio programs as requested by the NOAA Climate Team: Precipitation Prediction Grand Challenge, Climate and Fisheries Initiative Implementation, and Coastal Inundation at Climate Timescales.

Future

- Develop the content and speakers for the CWG Fall Meeting.
- 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.
- Update the SAB at each meeting.
- As appropriate, follow up on the letter to NOAA on the [Opportunity for COVID-19-related Earth System Monitoring and Prediction Efforts](#).



Data Archive and Access Requirements Working Group SAB July 2020 Meeting



Working Group Overview

Co- Chairs: Chelle Gentemann, Molly Jahn

NOAA SAB liaison: Robert Grossman

Membership (vacancies, expertise, timing of approval):
In process of adding 6-8 new members; Memo sent to NOAA leadership and waiting on response.

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

Activities since April 2020 SAB meeting

- Selection of 10 candidates for new members; SAB approved list and names sent to NOAA leadership
- Series of meetings to meet with LO reps on data needs/concerns and leads on cloud and data strategies

Scope and Focus of Current Efforts

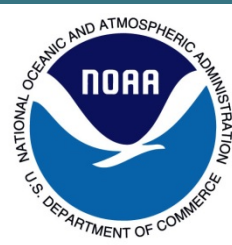
- Building relationship with LO
- Data Access
- Data Governance
- Transfer of science data to the cloud
- Archiving Requirements

Future

- Follow up meeting with DAARWG to discuss outcome of summer meetings and future actions
- Onboard new members
- Cloud accessibility
- AI
- EPIC
- Identifying synergies between LO



Ecosystem Sciences and Management Working Group SAB July 2020 Meeting



Working Group Overview

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

Membership :

- Both co-chairs 2nd terms renewed for one year to January, 2021. Co-chairs are contacting committee members about interest in chairing.

Activities since April SAB meeting

- Planned and designed July full committee meeting and invited Deep Uncertainty experts to inform working group.
- Outlined summer and fall actions on Citizen Science follow-up review, and 'Omics follow-up review following SAB direction.
- Attended working group chairs meeting with SAB chair John Kreider.

Scope and Focus of Current Efforts

- Work started on Decision Making Under Deep Uncertainty topic. Full committee virtual meeting scheduled July 15-16.
- Held an online meeting in May of the working group.
- Planning for November ESMWG meeting.

Future

- Continue work on Deep Uncertainty report.
- 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: November 2020 in Boulder if in person. Otherwise virtual.
- Identify prospective new co-chairs and members for nomination, in coordination with SAB.
- Consider additional topics, in coordination with SAB 20-21 Work Plan.



Environmental Information Services Working Group SAB July 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):

- Eight candidates nominated as new members. Nomination package sent to SAB for approval – only comments received were approvals. Currently on consent calendar.
- Discussion is underway on replacing John Snow as co-chair (who's term runs through 2020)

Activities since April 2020 SAB meeting

- Multiple virtual meetings to discuss new membership
- Formation and first meeting of HFIP task team
- Discussion and formation of subcommittee to formalize membership process for the future
- Drafted 2020 Report to Congress
- Presented at CWG May meeting on collaboration efforts

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 – tiger team to work on report
 - Sec 201(3) - Improving Sub-seasonal And Seasonal Forecasts
 - EPIC- monitoring evolution and awaiting results of 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
- Continue collaboration efforts between EISWG and CWG
- Expecting to get the final S2S report from NOAA
- Continue review of NOAA report on Hurricane Forecast Improvement Program - goal to present report at October SAB meeting
- Onboard new members and replace co-chair