



Climate Working Group SAB April 2018 Meeting



Working Group Overview

Co-Chair: Ruby Leung*, Paul Knight*

NOAA SAB liaison(s): Eugenia Kalnay and Everette Joseph

Membership (vacancies, expertise, timing of approval) :
Rong Fu*, Paul Fleming*, Dean Roemmich, Fuqing Zhang,
Phil Mote, Raghu Murtugudde, Lesley-Ann Dupigny Giroux,
Chris Bretherton, Kirstin Dow, Joellen Russell, A.R.
Ravishankara

*members completing Term 1 and agreed to serve for Term 2

Activities since October 2017 SAB meeting in the context of NOAA Priorities:

Priority 1: Reduce the impacts of extreme weather and water events.

- TPOS 2020
- Arctic end-to-end observation and prediction system
- Seasonal to Sub-Seasonal Seamless Predictions
- Review NOAA's Climate Portfolio to determine process by which stakeholders are engaged.

Priority 2: Increase the sustainable economic contributions of our fishery and ocean resources

- No clear activities; will consult if requested.

Scope and Focus of Current Efforts

- The CWG will confer with TPOS 2020 task teams and inform the SAB about developing plans, activities and progress in three project areas.
- The CWG will inform the SAB about the plans for an arctic end-to-end observation and prediction system.
- The CWG will explore the weakest links in the planned seamless prediction plans for sub-seasonal to seasonal outputs. There will be a focus on predictive skill of extreme events.
- The CWG will inform the SAB as it mines NOAA's Climate Portfolio to discern the process by which stakeholders, decision-makers, and social scientists identify user-needs and translate this into NOAA deliverables.

Future

(next meetings, topics/activities under consideration)

- * Confer with EISWG to determine synergy of goals.
- *Next in-person CWG meeting: May 2018 in La Jolla
- *Develop summary documents on approved tasks (for Fall 2018)



DAARWG SAB April 2018 Meeting



Working Group Overview

Chair: Chris Lenhardt
NOAA SAB liaison(s): Vacant

Membership (vacancies, expertise, timing of approval) :

Two new members and new chair nomination memo on track to be sent for NOAA approval.

Activities since October 2017 SAB meeting in the context of NOAA Priorities:

Held virtual meeting 30 November 2017.

Topics and activity apply to both current NOAA priorities:

- Discussed revisions to DAARWG Terms of Reference
- Finalized discussion/memo of topical brief on access to NOAA data
- Finalized discussion/memo of topical brief on new Chief Data Officer position

Priority 1: Reduce the impacts of extreme weather and water events.

Priority 2: Increase the sustainable economic contributions of our fishery and ocean resources

Scope and Focus of Current Efforts

Ongoing topics of discussion include:

- Archiving requirements of social science data
- Access to NOAA data and information
- Consideration of software and model archiving
- NOAA Big Data Partnership
- Curation requirements of NOAA information products

Future

(next meetings, topics/activities under consideration)

- Spring/Summer 2018 meeting in planning.
- Finalize revised Terms of Reference after SAB discussion
- Update future meeting planning based on current NOAA priorities and SAB Work Plan



EISWG

SAB April 2018 Meeting



Working Group Overview

Co-Chairs: John Snow and Brad Colman
NOAA SAB liaison(s): Robert Winokur

Membership (vacancies, expertise, timing of approval) :

New Member/Co-Chair: Brad Colman
Membership Extension: Eddie Hicks
One vacancy to be nominated

Activities since October 2017 SAB meeting in the context of NOAA Priorities:

Priority 1: Reduce the impacts of extreme weather and water events.

January, February, and March 2018 teleconference to discuss: EISWG Membership and Terms of Reference (ToR) Update; report to the Congress required by the Weather Act of 2017; and DRAFT Letter to Request from NOAA AAs

Priority 2: Increase the sustainable economic contributions of our fishery and ocean resources

No clear activities: will consult if requested

Scope and Focus of Current Efforts

- **Fulfilment of EISWG Charge under Weather Research and Forecasting Improvement Act of 2017 (Public Law 115-25)**
 - EISWG annual report to Congress as required by P.L. 115-25
 - Review of OAR and NWS reports to Congress
- **EISWG response to requests from NOAA Assistant Administrators OAR and NWS**
- **Reconciliation of the Weather Act of 2017 with NOAA priorities and budget documents**

Future

(next meetings, topics/activities under consideration)

- **April Telecon**
 - S2S
 - Weather Ready Nation
- **Summer 2018 in-person meeting**
 - OSSEs
 - Fred Carr/OU and Jim Kinter/Geo. Mason - Discussion of UCACN and UMAC observations/findings/recommendations re NCEP and model development efforts



ESMWG

SAB April 2018 Meeting



Working Group Overview

Co-chair: Dr. Michael Castellini

Co-chair: TBD

NOAA SAB liaison(s): Michael Donahue, AECOM

Membership (vacancies, expertise, timing of approval) :

New members:

Molly McCammon: Large Ecosystems

Lisa Wainger: Ecological Economist

Four vacancies to be nominated

Activities since October 2017 SAB meeting in the context of NOAA Priorities:

Priority 1: Reduce the impacts of extreme weather and water events.

ESMWG: No clear activities: will consult if requested

Priority 2: Increase the sustainable economic contributions of our fishery and ocean resources

ESMWG: Highly relevant activities:

Both current topics (Citizen Science; Holistic Ecosystem

Application of 3-4 recent past reports.

Scope and Focus of Current Efforts

Citizen Science to Improve Ecosystem-Based Management

1. Public relations value accepted
2. Scientific value for NOAA will be focus

Holistic Ecosystem Assessment

1. Valuable NOAA goal...accepted
2. How can ESMWG help design, goals, parameters

Future

Next group meeting: May 7-8, Baton Rouge, LA.

TOPICS:

Citizen Science; Holistic Ecosystem; 2018-2019 planning for SAB priorities.

Fall meeting: Location TBD

TOPICS:

Final reviews of major topics; begin work on SAB priorities