



Climate Working Group (CWG) SAB October 2015 Meeting



Working Group Overview

Co-Chair(s) Paul Knight & L. Ruby Leung
SAB Liaison(s) Molly Macauley

Membership: There are 4 new members on the CWG who were nominated, SAB approved, and have accepted their nominations:
• **Paul Fleming**, Manager, Climate Resiliency Group, Seattle Public Utilities

• **Rong Fu**, Professor, Department of Geological Sciences, The University of Texas in Austin

• **Paul Knight, CWG Co-Chair**, Pennsylvania State Climatologist (ret); Senior Scientist, World Climate Service

• **L. Ruby Leung, CWG Co-Chair**, Laboratory Fellow, Atmospheric Sciences and Global Change Division, Pacific Northwest National Laboratory

Scope and Focus of Current Efforts

- The Climate Working Group asked for the formation of 4 thematic sub-teams during the Fall 2014 meeting to address and provide advice on key issues related to those thematic areas
 - Thematic areas are
 - R2X
 - Integrated Modeling Strategy
 - Tropical Pacific Observing System
 - Partnership

Activities since August 2015 SAB meeting

The Climate Working Group has selected two new Co-Chairs to lead the Climate Working Group. The two new Co-Chairs are:

- **Paul Knight**
- **L. Ruby Leung**

Dean H. Roemmich, CWG member, attended the Science Advisory Board's August 3 & 4 science strategy discussion on behalf of the CWG. Discussion topics included

- Improving integrated observing systems
- Ecosystem science and management
- Impact of ecosystem services on human well-being
- Improving integrated decision-making and system resilience
- Communicating success

Future

(next meetings, topics/activities under consideration)

- The CWG Fall 2015 in person meeting will be held November 18-19, 2015 at NOAA's Center for Weather and Climate Prediction (NCWCP) in College Park, MD
- The CWG NWS Climate Services Program Update will be held November 17, 2015 at NOAA's Center for Weather and Climate Prediction (NCWCP) in College Park, MD



Data Archiving and Access Requirements Working Group (DAARWG) SAB October 2015 Meeting



Working Group Overview

Chair: Chris Lenhardt, RENCI

SAB Co-Liaison: Dawn Wright, ESRI and Jennifer Logan, Harvard

Membership: DAARWG will have vacancies starting in 2016 due to members rotating off after their current terms end. Guidance or suggestions from SAB for potential members to recruit or suggested areas of expertise welcomed.

Activities since August 2015 SAB meeting

- Planning for DAARWG meeting, 27 – 28 October 2015
 - Big Data Project update
 - Briefing on NOAA Science Strategy developments
 - Update on SAB strategic planning activity
 - Briefings on new initiatives related to data discovery, access, and stewardship
 - Review DAARWG Terms of Reference based on Science Strategy and SAB strategic planning activity

Scope and Focus of Current Efforts

- Take a deeper dive into topic of software and algorithm archival management as part of NOAA enterprise data management activities
- DAARWG focus currently on NCEI (National Centers for Environmental Information), CLASS (Comprehensive Large Array-data Stewardship System) and the Big Data Project
- Working on more information sharing to create linkages across relevant working groups, e.g. Climate Working Group and EISWG

Future

(next meetings, topics/activities under consideration)

- Will be working on information sharing with other working groups, e.g. meeting agenda sharing; investigate the possibility for a joint meeting
- More detailed discussion of software and algorithms management
- Updates on Big Data Project / BEDI



Ecosystem Sciences and Management Working Group (ESMWG) SAB October 2015 Meeting



Working Group Overview

Chair(s) Jo-Ann Leong and David Fluharty
SAB Liaison(s) Robert Hicks and David Lodge

Membership: Vic Adamowicz, Jo-Ann Leong and Jim Yoder terms extended one year to allow completion of work. Current need is to nominate a replacement for Jake Rice with respect to fisheries and ecosystem management. Candidates are being discussed.

Scope and Focus of Current Efforts

Ecosystem Services Valuation report to Spring 2016 SAB meeting

High Arctic Ecosystem Research report to Spring 2016 SAB meeting

Traditional Ecological Knowledge [Indigenous Knowledges] subcommittee planning

Activities since August 2015 SAB meeting

Subcommittee teleconferences :

- High Arctic Ecosystem Research - two calls
- Ecosystem Services Valuation - two calls
- Traditional Ecosystem Knowledge [Indigenous Knowledges] - two calls

High Arctic Ecosystem Survey of NOAA done

Discussions between Co-Chairs and Jim Yoder on Emerging Technologies for NOAA Subcommittee

Planning for November 18-20 Meeting Seattle

Future

(next meetings, topics/activities under consideration)

ESMWG Meeting, November 18-20 Seattle

- Report on Ecosystem Services Valuation
- Report on Arctic Ecosystem Services
- Presentations on Traditional Ecological Knowledge
- Presentations on Emerging Technologies
- Discussion of Possible Subcommittee on Coral Reef Ecosystems and NOAA



Environmental Information Services Working Group (EISWG) SAB October 2015 Meeting



Working Group Overview

Chairs: Nancy Colleton, IGES

Walt Dabberdt, Vaisala

SAB Liaison: Robert Winokur

Membership:

- At their August meeting, the SAB approved five new EISWG members and the one year extension of Nancy Colleton as Co-Chair;
- At EISWG's December meeting, EISWG will begin the process of identifying four new nominees to replace those rotating off the EISWG (this may not be completed until Spring 2016)

Activities since August 2015 SAB meeting

Numerous Co-Chair telecons

Additional work conducted to finalize the EISWG NOAA Partnership Policy report

Development of the EISWG nominations and recommendations package.

Preliminary planning for the December 2015 EISWG Meeting.

Scope and Focus of Current Efforts

NOAA Partnership Policy (PP)

EISWG currently undertaking a detailed review and is developing a report with recommendations to improve the NOAA Partnership Policy

Recommendations to be put forward at the Fall 2015 EISWG Meeting.

Future

(next meetings, topics/activities under consideration)

Finalize NOAA Partnership Policy recommendations for submission to the SAB

Conduct EISWG Meeting December 9-10, 2015 in Silver Spring

Begin planning for the Spring 2016 EISWG meeting that will seek to be held (in part) jointly with DAARWG and/or CWG



Restoration Science Program Advisory Working Group (RSPAWG) SAB October 2015 Meeting



Working Group Overview

Chair(s): Bob Dickey and Dwayne Porter

SAB Liaison(s): Jean May-Brett and Mike Donahue

Membership: The WG has several members whose initial terms are expiring and a few members whose active participation has been limited. We have polled the membership to determine interest in re-appointments for a second term. Two committee members have requested to step down immediately from the WG. Three WG members whose initial two-year terms are set to expire have indicated they do not wish to seek a re-appointment. We have yet to receive any type of response from one WG member who has not participated to date. Still awaiting memberships from state Centers of Excellence.

Scope and Focus of Current Efforts

The WG submitted a report to the SAB entitled “Comments and Recommendations on the NOAA RESTORE Act Science Program’s Performance Metrics and Coordination Plan”

Activities since August 2015 SAB meeting

Based on the discussions held at our June in-person meeting and subsequent follow-up discussions the WG prepared a report for SAB review providing:

- An assessment of current and proposed efforts to coordinate RSP activities with other research programs in the Gulf of Mexico region and recommendations for enhanced coordination; and
- An assessment of proposed performance metrics for RSP long-term goals and recommendations for expanded qualitative and quantitative measures.

Future

Work group priorities for the coming year include:

- Define sequencing and interdependency of RSP long-term research priorities; and
- Describe the transition of research products to help inform decision-making for restoration policy and implementation programs.