

Final July 8, 2019

**65<sup>th</sup> Meeting of the NOAA Science Advisory Board  
Hyatt Regency Seattle  
808 Howell Street  
Chiliwack Room  
Seattle, WA 98101  
10-11 July 2019**

**If you are interested in participating via webinar, please see note following the agenda.**

**Wednesday, July 10**

- 9:30 AM**      **Sign in by all Participants and Audience; Registration for Public Comment**
- 9:45 AM**      **Opening Statement of the Chair and Self-Introductions by Science Advisory Board (SAB) Members**  
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
- 9:55 AM**      **SAB Consent Calendar**  
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
- April 2019 SAB Meeting Minutes
  - June 2019 SAB Teleconference Meeting Minutes
  - Working Group Status Reports
  - EISWG New Members
- DECISIONAL: SAB approves items on the list**
- 10:00 AM**      **NOAA Update**  
Dr. Neil Jacobs, Assistant Secretary of Commerce for Environmental Observation and Prediction Performing the duties of Under Secretary of Commerce for Oceans and Atmosphere (via Webinar)
- 10:30 AM**      **Discussion**  
**INFORMATIONAL**
- 11:00 AM**      **Environmental Information Services Working Group (EISWG) Review and Recommendations to NOAA of "Report to Congress – Tornado Warning Improvement and Extension Program Plan (TWIEP)"**  
Brad Colman, Climate Corporation and EISWG Co-Chair  
John Snow, University of Oklahoma and EISWG Co-Chair
- 11:10 AM**      **Discussion**  
**DECISIONAL: SAB approves the TWIEP review and recommendation report**
- 11:30 PM**      **Lunch**

- 1:00 PM**      **Environmental Information Services Working Group (EISWG) Annual Report to Congress**  
Brad Colman, Climate Corporation and EISWG Co-Chair  
John Snow, University of Oklahoma and EISWG Co-Chair
- 1:10 PM**      **Discussion**  
**DECISIONAL: SAB decides whether to accept the report**
- 1:40 PM**      **Topic 9: New Technologies for Fisheries Stock Assessments Preliminary Report**  
Mike Castellini, University of Alaska/Fairbanks and ESMWG Co-chair  
Rob Johnston, Clarke University and ESMWG Co-chair
- 1:50 PM**      **Discussion**  
**DECISIONAL: SAB provides input to the preliminary draft report**
- 2:20 PM**      **Break**
- 2:45 PM**      **Plans for the FY 2020-2021 SAB Work Plan**  
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
- 2:55 PM**      **Potential Work Plan Topics from SAB Working Groups (10 min each)**  
CWG  
EISWG  
ESMWG
- 3:35 PM**      **Discussion**  
**INFORMATIONAL**
- 4:45 PM**      **Public Comment**
- 5:00 PM**      **Adjourn**
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**Thursday, July 11**

- 8:30 AM**      **Welcome**  
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
- 8:40 AM**      **Additional Discussions of the SAB Review Report on the Draft Strategic Aquaculture Science Plan**  
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB  
Robert Rheault, East Coast Shellfish Growers Association and SAB Member
- 8:50 AM**      **Discussion**  
**DECISIONAL – SAB decides on any additional changes to the SAB report and recommendations.**

**9:10 AM**      **Topic 3 Update: Enhance Strategic Investment and Use of Unmanned and Autonomous Systems**  
Bob Winokur, Consultant and SAB Member

**9:20 AM**      **Discussion**  
**INFORMATIONAL**

**9:40 AM**      **Break**

**Data Science and Public-Private Partnerships Session**

**9:50 AM**      **Cloud-based Partnerships for a Climate-stable Future**  
Lucas Joppa, Microsoft, AI for Earth program

**10:10 AM**     **Discussion**  
**INFORMATIONAL**

**10:40 AM**     **Data Access and AI-Based Analysis of Environmental Data**  
Robert Grossman, University of Chicago and SAB Member  
Christopher Lenhardt, RENCi and SAB Member

**11:00 AM**     **Discussion**  
**INFORMATIONAL**

**11:30 AM**     **Learnings from Staging Petabytes of Data in Amazon Web Services**  
Joe Flasher, Amazon Web Services

**11:50 PM**     **Discussion**  
**INFORMATIONAL**

**12:20 PM**     **Plans for Next Meeting**  
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB  
**DECISIONAL: SAB decides on next steps**

**12:45 PM**     **Review of Actions**  
Cynthia J. Decker, Executive Director, SAB and Designated Federal Officer

**12:50 PM**     **Adjourn**

**Note: To attend the SAB meeting via webinar, please see below for detailed instructions. You do not need to register via the link below if you plan to attend the meeting in person. After**

**registering for the webinar, you will receive a confirmation email containing information about joining the webinar.**

**Please note that all webinar attendees, with the exception of the SAB members and NOAA leadership, will be muted and only able to listen/view the meeting activities.**

**Here is the link for the webinar registration:**

**<https://attendee.gotowebinar.com/register/7212839555782655746>**