

Final July 13, 2018

**62nd Meeting of the NOAA Science Advisory Board
Hugh Gregg Coastal Conservation Center
NOAA Great Bay National Estuarine Research Reserve
93 Depot Road
Greenland, NH
17-18 July 2018**

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

Tuesday 17 July

- 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** **Welcome to the Great Bay National Estuarine Research Reserve**
Cory Riley, Reserve Manager
- 10:05 AM** **SAB Consent Calendar**
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
- April 2018 SAB Meeting Minutes
 - May 2018 SAB Teleconference Meeting Minutes
 - Working Group Status Reports
- DECISIONAL: SAB approves items on the list**
- 10:10 AM** **Advancing the NOAA Research to Operations Pipeline**
Neil Jacobs, Assistant Secretary of Commerce for Environmental Observation and Prediction
INFORMATIONAL
- 10:40 AM** **NOAA Science Update**
Craig McLean, Performing the Duties of Chief Scientist
INFORMATIONAL
- 11:10 AM** **Presentations on NOAA Science in the Northeast**
- **The NOAA-University of New Hampshire Joint Hydrographic Center**
Andrew Armstrong, Co-Director, NOAA/UNH Joint Hydrographic Center
 - **New Hampshire Sea Grant: Making Connections, Supporting Partners, Amplifying Impact**
Erik Chapman, New Hampshire Sea Grant Director
- INFORMATIONAL**
- 12:00 PM** **Lunch**

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- 12:45 PM** An optional 30 minute tour is available of the Great Bay National Estuarine Research Reserve
- 1:30 PM** **Presentations on NOAA Science in the Northeast (continued)**
- **Total Water Level Initiative and Probabilistic Snowfall Forecasts**
Joe Dellicarpini, Science and Operations Officer National Weather Service Forecast Office, Norton, MA
 - **Northeastern Regional Association of Coastal Ocean Observing Systems (NERACOOS) and Northeast Coastal Acidification Network (NECAN)**
Ru Morrison, Executive Director, NERACOOS
 - **Aquaculture Research at the NEFSC**
Lisa Milke, NMFS Northeast Fisheries Science Center, Milford, CT
 - **NESDIS in the Northeast Region**
Eric Kihn, NESDIS National Centers for Environmental Information
- INFORMATIONAL**
- 2:45PM** **Break**
- 3:00 PM** **Work Plan Updates:**
- **Oversee Development and Implementation of the Environmental Information Services Working Group (EISWG) Work**
Everette Joseph, State University of New York at Albany and SAB Member
Bob Winokur, Consultant, SAB Member and EISWG Liaison
 - **Review the Use of Observing System Simulation Experiments (OSSEs)**
Bradley Colman, The Climate Corporation and Co-Chair, EISWG
Eugenia Kalnay, University of Maryland and SAB Member (by webinar)
 - **Coastal and Marine Transportation and Support Infrastructure**
Denise Reed, University of New Orleans and SAB Member
 - **Review Improving Collection, Management, Dissemination and Decision Support Using Machine Learning, Artificial Intelligence (AI) and Data Science**
Robert Grossman, University of Chicago and SAB Member
Christopher Lenhardt, RENCI, and SAB Member
 - **Social Sciences and Decision Support in NOAA**
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
- INFORMATIONAL**
- 4:15 PM** **Unmanned Systems (UxS): Revolutionizing NOAA Missions**
RDML Nancy Hann, Deputy Director for Operations and the NOAA Corps
INFORMATIONAL
- 5:00 PM** **Public Comment**
- 5:15 PM** **Next Steps on Unmanned Systems Programs in SAB Work Plan**
DECISIONAL: SAB decides on next steps
- 5:45 PM** **Adjourn**

Wednesday, 18 July

- 7:30 AM** **SAB Members meet in Hotel Lobby for Carpooling to Meeting**
Sign in by all Participants and Audience
- 8:00 AM** **Welcome**
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
- 8:05 AM** **Update on the National Oceanographic Partnership Program (NOPP)**
RDML Timothy Gallaudet (USN, ret.), Assistant Secretary of Commerce for Oceans and Atmosphere and Acting NOAA Administrator
INFORMATIONAL
- 8:35 AM** **Finalization of the SAB 2018-2019 Work Plan – Discussion of Topics Proposed in May 2018**
Lynn Scarlett, The Nature Conservancy and Chair, NOAA SAB
RDML Timothy Gallaudet (USN, ret.), Assistant Secretary of Commerce for Oceans and Atmosphere and Acting NOAA Administrator
DECISIONAL: SAB decides on next steps
- 9:45 AM** **Response to NOAA’s SAB Review of the High Arctic Program in NOAA** David Kennedy, Senior Advisor for the Arctic Program, NOAA
(Members of the Ecosystem Sciences and Management Working Group invited to participate in the discussion by webinar)
INFORMATIONAL
- 10:15 AM** **Break**
- 10:30 AM** **Current NOAA Activities on Aquaculture and Coordination with SAB Work Plan**
- **NOAA’s Aquaculture Program: Overview and Office of Aquaculture Reviews and Planning Efforts**
Jonathan Pennock, Director, NOAA OAR National Sea Grant College Program (with Mike Rust via webinar)
 - **Sea Grant’s Role in the NOAA Aquaculture Portfolio**
Jonathan Pennock, Director, NOAA OAR National Sea Grant College Program
 - **How NOAA’s Ocean Service is Supporting Sustainable Aquaculture**
Steve Thur, Director, NOAA NOS National Centers for Coastal Ocean Science
 - **Industry Perspective on Aquaculture**
Sebastian Belle, Executive Director, Maine Aquaculture Association and Member, NOAA MAFAC
- INFORMATIONAL**
- 11:25 AM** **Next Steps on Aquaculture in SAB Work Plan**
(Mike Rust, NMFS Office of Aquaculture will participate in the discussion via webinar)
DECISIONAL: SAB decides on next steps

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11:55 AM Next Steps on SAB Work Plan Topics and 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

1:00 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/8542038057269870337>