



Chesapeake Bay Program's (CBP)  
Scientific and Technical Advisory Committee (STAC)  
Quarterly Meeting – March 8-9, 2022

**Virtual Meeting**

[March 2022 Quarterly Meeting page](#)

**Tuesday, March 8th**

[Register in advance](#)

**\*\*Exact Times Are Subject to Change\*\***

- 9:00 am**      **Call to Order, STAC Business, Announcements** — *Kathy Boomer (STAC Chair – FFAR)*
- Introductions
  - Member Announcements and Updates
  - Recap of STAC December 2021 Quarterly Meeting
  - Review and Approval of the Consent Agenda
  - Approval Requests:
    - December 2021 Quarterly Meeting Minutes
    - February 2022 Executive Board Meeting Minutes
  - CBP Management Board Announcements
- 10:00 am**      **Briefing on new Land Cover, Land Use and Change Data from Chesapeake Conservancy, USGS and the University of Vermont** — *Katie Walker (Chesapeake Conservancy), Peter Claggett (USGS)*
- 10:30 am**      **15-minute Break**
- 10:45 am**      **STAC Workshop RFP FY22 Results** — *STAC Staff*  
Results of the initial RFP scoring will be presented to STAC. Only viable proposals that deemed to require additional conversation will be discussed. STAC members identified in each proposal will provide further details as needs. Depending on the results of the discussion, additional scoring may be required.
- 12:00 pm**      **Lunch**
- 1:00 pm**      **Update from the Water Quality GIT: Proposed changes to BMP review protocols**
- Expert Panel Protocol History: Overview and insights — *Mark Dubin (UMD)*
  - Introduction to CBP BMP evaluation protocols and discussion — *Lucinda Power (US EPA), Jeremy Hanson (CRC)*
- 2:00 pm**      **Science Needs of the Chesapeake Bay Program: Healthy Watersheds Cohort** —  
*Breck Sullivan (USGS), Outcome Leads*  
The Healthy Watersheds Cohort includes the Brook Trout, Fish Habitat, Fish Passage, Healthy Watersheds, Protected Lands and Stream Health Outcomes. The Cohort identifies factors influencing science during the Strategy Review System and updates their science needs as part of the Strategic Science and Research Framework. The CBP Science Needs Database can be found [here](#) and details on each outcome are listed and linked [here](#).
- 2:40 pm**      **Science Needs of the Chesapeake Bay Program: Aquatic Life Cohort** —  
*Breck Sullivan (USGS), Outcome Leads*  
The Aquatic Life Cohort includes the Blue Crab Abundance, Forage Fish, Oysters, and Submerged Aquatic Vegetation outcomes. The Cohort identifies factors influencing science during the Strategy Review System and updates their science needs as part of the Strategic Science and Research Framework. The CBP Science Needs Database can be found [here](#) and details on each outcome are listed and linked [here](#).

**3:00 pm**      **Comprehensive Evaluation of System Response (CESR) Update and Discussion** —*Denice Wardrop (CRC)*  
Denice Wardrop will present a summary of responses to red flag concerns, an updated CESR timeline, reviews of authorship and communications strategies, and request for approval to move into editorial phase.

**4:00 pm**      **Adjourn**

**Wednesday, March 9th**  
[Register in advance](#)

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**9:00 am**      **Convening, Day 1 Reflections** — *Kathy Boomer (STAC Chair – FFAR)*

**9:15 am**      **Introduction to Triple-Loop Learning: The varieties of adaptive management and what they might mean for the CBP** — *Mike Runge (USGS)*  
Adaptive management is a confusing term, because it means different things to different people. Mike Runge will discuss the concept of [triple-loop learning](#), which distinguishes three fundamentally different levels at which management can adapt to new information. This brief overarching framework is meant to set the stage for a discussion of how the Chesapeake Bay Partnership could adapt as it approaches, and looks past, 2025.

**9:30 am**      **Session I: Chesapeake Bay Program Management today ....**

- ... at the Management Board scale —*Carin Bisland (EPA)*
- ... at the Goal Implementation Team (GIT) scale — *Kristin Saunders (UMCES)*
- ... at the field-scale — *David Martin (TNC)*

**10:30 am**      **15-minute Break**

**10:45 am**      **Session II: Opportunities to Advance CBP Adaptive Management Going Forward**

- Improving feedback between monitoring, modeling, and implementation (single-loop learning) — *Jeni Keisman (USGS)*
- Integrating social and biophysical sciences: *Insights from farmer research* (double-loop learning) — *Matt Houser (TNC, UMCES)*
- Toward triple loop learning: Ideas on accountability, scale, and collective learning — *Marc Stern (VT)*

**12:00 pm**      **15-minute Break**

**12:15 pm**      **Breakout Discussions**  
Participants will be assigned to breakout groups to consider the following: As we approach and look past 2025, are there insights about how the Bay Program may need to adapt to learning that has occurred at different scales? How can STAC help to articulate those adaptive opportunities? And what should STAC's role be in the future?

**1:00 pm**      **Report back, Discussion, Summary of Outcomes and Potential Action Steps**

**1:15 pm**      **Adjourn**