Chesapeake Bay Program
Science. Restoration. Partnership.

Scientific, Technical Assessment and Reporting (STAR) Team

Theme: Integrating Monitoring and Modeling

Thursday, May 28th, 2026
10:00AM – 12:00PM

Join the meeting via Microsoft Teams

Meeting ID: 213 754 305 350 25 | **Passcode:** fK783S44

Call: +1 469-208-1525 | **Conference ID:** 184 608 47#

Visit the meeting webpage for meeting materials and additional information.

This meeting may be recorded for internal use only to assure the accuracy of meeting notes. To turn on closed captioning, click on the three ellipses (More actions), then click on "Turn on live captions" (preview). To request accommodations, please contact Gabriel Duran at gduran@chesapeakebay.net.

Please read the following information carefully, as our meeting policies have changed:

- All meeting attendees' cameras and microphones will be muted at the start of the meeting.
- To request access to the microphone and camera, all meeting participants will be required to use the raised hand feature on Teams. Once access has been granted by the meeting organizer, you will then be allowed to unmute your mic and turn on your camera. Unless instructed otherwise, once a participant has microphone or camera access, they will have this permission for the remainder of the meeting.
- Access to chat will be provided as well. Should it be necessary, the Q&A feature on Teams will be utilized to field participant questions.

Compromised Meeting Plan: If the meeting's privacy is compromised, the meeting staffer and coordinator will send an email to all Members, alternates, staffers, coordinators, and interested parties. Within the email, you will find a new meeting link, instructions on sharing this information with external partners, and any necessary adjustments to the meeting schedule. Please do NOT share this information publicly or post it to the Chesapeakebay.net webpage.

Agenda

I. Welcome, Introductions & Announcements (10:00 – 10:05)
Lead: ***Ken Hyer*** *(U.S. Geological Survey, USGS) STAR Chair,* ***Breck Sullivan*** *(USGS) STAR Coordinator, and* ***Peter Tango*** *(USGS) CBP Monitoring Coordinator.*

- Please help us develop recommendations for strengthening the CBP networks by completing this Network Development Assessment survey. Due ***Friday, May 29th.***

Upcoming Conferences, Meetings, Workshops and Webinars

- Chesapeake Community Research Symposium – June 1-3, 2026. Annapolis, Maryland.
- Restore America's Estuaries' 2026 Coastal & Estuarine Summit – September 22-25, 2026. San Francisco, California.

II. Water Quality Standards Attainment Indicator: 2022–2024 Assessment Results (10:05 – 10:30)
Description: Qian Zhang will provide an update on the Water Quality Standards Attainment Indicator for the 2022–2024 assessment period, including binary attainment scores and attainment deficit results.

Request Action: Informational, for discussion.
Lead: **Qian Zhang** (UMCES)
Materials: Meeting Webpage here.

III. Hydrologic and Critical Period Analysis Update (10:30 – 11:00)
Description: Robin will share progress in the analysis of an updated hydrologic and critical period for the Phase 7 model. Regular updates will be presented to the WQGIT/CWGT ahead of a decision anticipated by Sept 2026.

Request Action: Informational, for discussion.
Lead: **Robin Glas** (USGS)
Materials: Meeting webpage here.

IV. Forecasting the effects of climate change and Nutrient management on fisheries species in the Chesapeake Bay (11:00 – 11:30)
Description: Presenters will share results of an assessment of Atlantic Croaker, Bay anchovy, striped bass and menhaden habitat under present and future conditions in the Chesapeake.

Request Action: Informational, for discussion.
Lead: **Colin Hawes** (Virginia Institute of Marine Science, VIMS)
Materials: Meeting webpage here.

V. Changes in suspended sediment concentration along tidal rivers of the Chesapeake Bay: the tidal freshwater "sediment shadow" (11:30 – 12:00)
Description: The goal of this research is to identify spatial and temporal patterns in suspended sediment concentration (SS) changes across tidal and salinity gradients over multiple tidal rivers, using a robust monitoring long-term dataset from the Chesapeake Bay.

Request Action: Informational, for discussion.
Lead: **Gregory Noe** (USGS)
Materials: Meeting webpage here.

VI. Adjourn (12:00)

Next Meeting: *June 25th, 2026, from 10 AM – 12 PM.*