



**Joint Coordinator/Staffer and  
Scientific, Technical Assessment and Reporting (STAR) Meeting  
Theme: Water Quality**

Thursday, November 17, 2022  
9:30 AM – 12:00 PM

Join by Webinar

<https://umces.webex.com/umces/j.php?MTID=m27b5b4bfa6872f297bf179100f107298>

Meeting Number: 2620 940 7803

**Password:** Cqc3AFPpc62

Or join by phone:

+1-408-418-9388 Access code: 2620 940 7803

Meeting Materials: [Link](#)

*This meeting will be recorded for internal use only to assure the accuracy of meeting notes.*

*\*Closed captioning will be available for this meeting. To turn on the closed captioning, select the "cc" button in the bottom left corner of the screen. To show a live transcript of the meeting, go to the bottom right-hand corner of the screen and select "captions".*

**AGENDA**

**9:30 AM**      **Welcome, Introductions & Announcements – Bill Dennison (UMCES) and Scott Phillips (USGS)-STAR co-chairs, Breck Sullivan (USGS) STAR Coordinator, Peter Tango (USGS) CBP Monitoring Coordinator**

**Announcements**

**Strategic Engagement Team Update - Marisa Baldine (CRC)**

Funding Opportunity: [Eastern Brook Trout Joint Venture RFP](#) – Deadline January 30<sup>th</sup>, 2022

**Upcoming Conferences, Meetings, Workshops and Webinars**

- [Coastal and Estuarine Summit](#) – December 4-8, 2022, New Orleans, LA.
- [A Community on Ecosystem Services](#) - December 12-15, 2022, Washington, D.C. Metropolitan Area.
- [Maryland Water Monitoring Council Annual Conference](#) – December 15, 2022, Linthicum Heights, MD. [Registration](#) closes December 1, 2022.
- A workshop on applying novel techniques to assess and forecast harmful algal blooms (HABs) in Chesapeake Bay to protect fisheries, aquaculture, and human health – January 18-19, 2023, Virginia Institute of Marine Science, Gloucester, Virginia. BY INVITATION ONLY.

- National Water Quality Monitoring Council's 13<sup>th</sup> [National Monitoring Conference](#) - April 24-28, 2023, Virginia Beach, VA.
- [Species on the Move](#) – May 15-19, 2023, Everglades National Park, FL.
- [Interagency Conference on Research in the Watersheds \(ICRW8\)](#) – June 5-8, 2023, Corvallis, Oregon. [Abstracts](#) due December 15, 2022.
- [CERF 2023 Conference: Resilience & Recovery](#) – November 12-16, 2023, Portland, Oregon. [Abstracts](#) due May 10, 2023.
- [Citizen Science Association conference, C\\*Sci 2023](#) - May 22-26, 2023, Arizona State University campus in Tempe/Phoenix, Arizona.

**9:45 AM      2021 Tidal Trends Results – Rebecca Murphy (UMCES)**

Rebecca will present the draft 2021 baywide tidal water quality trends generated through a joint effort with ITAT, MDDNR, VADEQ, ODU, DOEE and COG. Rebecca will examine any new patterns for this year and get feedback on presentation and dissemination of the results.

Discussion Questions:

- How can we better align tidal and nontidal trends?
- How can we engage the public and social science communication products to connect stakeholders with what is going on in their waters.
  - Currently have the baytrendsmat app and Water Quality Trends Summary.

**10:30 AM      Chesapeake Bay Environmental Forecast System (CBEFS) 2022 Hypoxia Report – Aaron Bever (Anchor QEA)**

Aaron Bever will summarize summer 2022 hypoxia from the real-time [CBEFS model](#) and compare hypoxic conditions in the Bay to previous years.

**11:00 AM      Evaluation of habitat quality for juvenile summer flounder in two seascapes – Shannon Smith (VIMS)**

We used a seascape approach to characterize the environmental and physical habitat in a sub-estuary of Chesapeake Bay and a coastal area of Virginia's Eastern Shore in order to better understand how habitat types (marsh, oyster, seagrass, unstructured soft-bottom) in these relatively shallow areas function for juvenile summer flounder. We examined metrics of juvenile fish abundance, body condition, and recent growth as indicators of habitat quality.

Shannon is a PhD candidate at the Virginia Institute of Marine Science working with Dr. Mary Fabrizio. Her research focuses on understanding fish - habitat

relationships for juvenile fishes, with an emphasis on evaluating how habitat quality may affect fisheries productivity. After earning her M.S. from Eastern Illinois University in 2016, Shannon worked in the world of freshwater fisheries in South Dakota and Arkansas before transitioning to saltier waters in 2019 to pursue her PhD.

**11:30 AM      Coordinator/Staffer Meeting**

Forest Buffer Strategy Review System Dry Run Presentation – Katie Brownson (USFS)

**12:00 PM      Adjourn**

**Next STAR Meeting: December 15th, 2022**