



Scientific, Technical Assessment and Reporting (STAR) Meeting

Tuesday, December 17, 2019

9:30 AM – 12:00 PM

Conference Line: 929-205-6099 Meeting ID: 396-130-782

Webinar*: <https://zoom.us/j/396130782>

Meeting Materials:

https://www.chesapeakebay.net/what/event/scientific_technical_assessment_and_reporting_star_team_meeting_december

Location: Fish Shack

*If you are joining by webinar, please open the webinar first, then dial in.

AGENDA

Topics: Science needs of aquatic life outcomes and follow-up for habitat/hypoxia forecasting

09:30 **Welcome, Introductions & Announcements – Bill Dennison (UMCES) and Scott Phillips (USGS)- STAR Co-Chairs, Peter Tango (USGS) and Emily Trentacoste (EPA), STAR Co- Coordinators**

Upcoming Conferences, Meetings, Workshops, & Webinars-

- [Esri Federal GIS Conference](#), February 11–12. Washington, DC
- [Ocean Sciences Meeting](#), February 16 – 21, 2020. San Diego, CA.
- [National Watershed and Stormwater Conference](#), April 14-17, 2020, Austin Texas
- [Chesapeake Research Symposium \(ChesR20\)](#), June 8 – 10, 2020.
- [The National Conference on Ecosystem Restoration](#) (NCER), August 2 – 6, 2020. Portland, Oregon.
- [World Seagrass Conference & International Seagrass Biology Workshop](#), August 9 – 14, 2020. Annapolis, MD.
- [The National Coastal and Estuarine Summit](#), October 4 – 8, 2020. Providence, RI. Call for Proposals opens in January 2020.
- [A Community on Ecosystem Services](#) (ACES), December 14-17, 2020. Bonita Springs, FL.

09:40 **Aquatic Life Cohort Science Needs Discussion – Emily Trentacoste (EPA) & Outcome leads**

In follow-up to the Management Board review, STAR will discuss the updated science needs of the Aquatic Life Cohort, planned actions moving forward, potential opportunities to address needs, and progress on indicators in development.

11:00 Habitat Forecast – Bruce Vogt (NOAA)

Bruce will discuss the linkage from the forecasts to fish and habitat needs. He will bring in references from ongoing research done by NOAA and the Fish Habitat Assessment work. He will also touch on building climate change scenarios and expectations for how that will affect hypoxia.

Based on this presentation and those from the October meeting, STAR will discuss how outputs of hypoxia forecasting may be used to improve fish and other living resource habitat condition assessments. Key questions:

1. What are the applications of these models and forecasts to fish and habitat decisions?
2. Are there enhancements that could be made to improve their utility for fish and habitat?
3. Are the specific applications of the models and products applicable to the Fish habitat assessment project?
4. Are there products that could be useful from the models for other workgroups?

11:30 Communication strategy planning for reporting Hypoxia: Forecasts and Nowcasts. It's all about The Dead Zone - Peter Tango (USGS)

Peter will circle back to the primary topic of the CBP reporting on hypoxia.

Action: Following-up from October STAR discussion on hypoxia forecasting, Peter will lead a discussion on communicating dissolved-oxygen conditions based on data collected during the summer months. We will also discuss how these updates should be considered in the reporting of standards attainment, which occurs at a later time.

12:00 Adjourn

Next Meeting Dates: Thursday, January 23rd (will include SRS Dry Run for Stewardship Cohort)