



## Scientific, Technical Assessment and Reporting (STAR) Meeting

Thursday, February 27, 2020

10:00 AM – 12:30 PM

Conference Line: 929-205-6099 Meeting ID: 649-555-639

Webinar\*: <https://zoom.us/j/649555639>

Meeting Materials:

[https://www.chesapeakebay.net/what/event/scientific technical assessment and reporting star team meeting february](https://www.chesapeakebay.net/what/event/scientific_technical_assessment_and_reporting_star_team_meeting_february)

Location: Fish Shack

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

### AGENDA

10:00

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

#### **Grant Opportunity-**

- EPA Pollution Prevent Grant Opportunity. Applications due March 31, 2020 (More information see in the last page of agenda)

#### **Upcoming Conferences, Meetings, Workshops, & Webinars-**

- [Chesapeake Research Symposium \(ChesR20\)](#), June 8 – 10, 2020. Annapolis, MD. Abstracts are due March 15, 2020
- [Women in Conservation Leadership](#), March 16-19, 2020, Colorado Springs, CO.
- [Association of Mid-Atlantic Aquatic Biologists](#), April 1-3, 2020, Berkeley Springs, WV. Deadline for paper submissions is February 28, 2020.
- [National Watershed and Stormwater Conference](#), April 14-17, 2020, Austin Texas.
- [Choose Clean Water Conference](#), May 19 – 21, 2020. Richmond, VA.
- [Association for the Sciences of Limnology and Oceanography \(ASLO\): Sustaining Aquatic Ecosystems Under Global Change](#), 7 – 12 June 2020. Madison, WI. Abstract due March 9, 2020
- [Chesapeake Studies Conference](#), June 11 – 12, 2020. Salisbury, MD. Poster proposals are still being accepted.
- [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 is open until April 3, 2020.

- [A Community on Ecosystem Services](#) (ACES), December 14-17, 2020. Bonita Springs, FL.

**10:10 Plastic Pollution Action Team (PPAT) Update** – Matt Robinson (DOEE) and Emily Trentacoste (EPA)

Matt will present the draft final PPAT charge and membership list for presentation to the Management Board in March.

**10:20 Climate Indicator Framework -- Julie Reichert (NOAA)**

Julie will provide an overview of the Climate Resiliency Workgroup indicator development framework and how the indicators intersect with other CBP Workgroups.

Requesting STAR feedback on CRWG indicator framework and relationship to other CBP outcomes.

**10:50 Climate Model Assessment Update** – Gary Shenk (USGS), and Lew Linker (EPA)

The Modeling team recently completed efforts to assess a fully operational model system of the influence of climate change on Chesapeake Bay water quality. Gary and Lew will provide an overview of the assessment and results including changes in flow and temperature, implications for dissolved oxygen in open water and shallow water in the estuary, and sea level rise and coastal wetland change.

**11:30 Cross-GIT discussion on the application of the Climate Model Assessment to other CBP outcomes**

STAR Discussion: How climate assessment results can be used by the Goal Teams (e.g. to address science needs for other outcomes)?

Some examples of discussion topics for different goals could include:

- Fisheries: How could the results on shallow water and open water be used to better understand habitat conditions for fisheries?
- Healthy Watersheds: Can the modeling results inform impacts on the quality or vulnerability of healthy watersheds: How can the results help compliment the Healthy Watershed Assessment?
- Stewardship: How do the SLR projections inform placement of public access sites?
- Habitat: What are some potential applications of shallow water results for SAV? How can the results be used for assessing changes in coastal wetlands?
- Water quality: Can the results be used for management implications of toxic contaminants?
- STAR: How can the results inform shallow water monitoring efforts?

**12:30            Adjourn**

**Next Meeting Dates:** March 26<sup>th</sup>

### **Grant Opportunity-**

EPA is announcing a grant competition to fund two-year Pollution Prevention assistance agreements for projects that provide technical assistance (e.g., information, training, tools, etc.) to businesses/facilities to help them develop and adopt source reduction practices (also known as “pollution prevention” or “P2”). P2 means reducing or eliminating pollutants from entering any waste stream or otherwise released into the environment prior to recycling, treatment, or disposal. Reducing emissions, water use and discharge, process efficiency cost savings, and energy reductions are included in this work. Interested parties could include but are not limited to engineering, science, technology, vocational, environmental, food science, extension services and grant departments at colleges or universities, technical assistance providers or industrial resource centers and state agencies.

Specifically, EPA requests proposals in alignment with five National Emphasis Areas:

- Food and Beverage Manufacturing and Processing
- Chemical Manufacturing and Formulation
- Automotive Manufacturing and Maintenance
- Aerospace Product & Parts Manufacturing and Maintenance
- Metal Manufacturing

The request for applications can be found [here](#).

Applications are due: Tuesday, March 31, 2020

EPA will host two informational webinars covering information about the P2 Grant program and National Emphasis Areas:

- FY20-21 RFA Informational Webinar, February 19<sup>th</sup>, 11-12 PST:  
<https://attendee.gotowebinar.com/register/8522288642270023693>
- FY20-21 National Emphasis Areas, February 25<sup>th</sup>, 11-12 PST:  
<https://attendee.gotowebinar.com/register/4696774328423521549>

Eligible Applicants: Section 6605 of the PPA and applicable parts of 40 CFR Part 35, Subparts A and B (40 CFR 35.340 et seq. and 35.660 et seq.) authorizes EPA to award grants and/or cooperative agreements to the fifty states, the District of Columbia, the U.S. Virgin Islands, the Commonwealth of Puerto Rico, any territory or possession of the U.S. (40 CFR 35.345), any agency or instrumentality of a state, including state colleges and universities, federally-recognized Indian tribes that meet the requirements for treatment in a manner similar to a state as described in (40 CFR 35.663), and Intertribal Consortia that meet the requirements in (40 CFR 35.504). State entities refers to state agencies, state colleges or universities. Colleges or universities that are agencies or instrumentalities of a state government are eligible. Colleges and universities must be chartered, commissioned or publicly-owned/operated by the state in order to be eligible. Colleges and universities must include documentation within their application to support their status as an agency or instrumentality of a state. Documentation may include, but is not limited to: a state constitutional reference, college/university charter, W-7 tax form that has confirmed the college or university to serve as an instrumentality of a state, etc. Federally-recognized tribes and intertribal consortia must meet the requirements for treatment in a manner similar to a state. The requirements for tribes are referenced in 40 CFR 35.663 and 40 CFR 35.504 respectively.