



Scientific, Technical Assessment and Reporting (STAR) Team Meeting

February 26, 2015

10:00AM – 1:30PM

Joe Macknis Memorial Conference Room (Fish Shack)

Conference Line: 1-866-299-3188 Access Code: 4102675731

Adobe Connect: <https://epa.connectsolutions.com/star/>

Event webpage: <http://www.chesapeakebay.net/S=0/calendar/event/21556/>

AGENDA

10:00 AM **Welcome, Introduction, and Announcements** (*Bill Dennison – UMCES, STAR Co-Chair*)

10:15 AM **Communications** (*All*)

ACTION: STAR will notify the communications team of upcoming publications and projects.

10:30 AM **ChesapeakeStat** (*Catherine Krikstan – UMCES/CBPO*)

Catherine will give an overview of the recent ChesapeakeStat redesign. This web tool will be relaunched this month, and will serve as an accountability framework and gateway to three web products: ChesapeakeProgress, ChesapeakeDecisions and ChesapeakeData.

11:00 AM **Modeling WG Workplan** (*Lew Linker – EPA/CBPO, Dave Montali – WVDEP, and Lee Currey - MDOE*)

Modeling Workgroup Leadership will present the Modeling Workgroup workplan for 2015.

ACTION: STAR will provide comments and feedback on the Modeling Workgroup 2015 workplan.

11:15 AM **Citizen Science Grant Award** (*Peter Tango – USGS/CBPO*)

Peter will inform STAR of the plans for the new citizen science grant award.

ACTION: STAR will provide comments and feedback on the strategy for integrating citizen science into the Chesapeake Bay Program monitoring network.

11:30 AM **Citizen Science Association Conference Overview** (*Peter Tango – USGS/CBPO and Lea Rubin – CRC/CBPO*)

Peter and Lea went to the first national [Citizen Science Association](#) conference in San Jose, February 11-12. They will present insights from other citizen science programs and research gathered at the conference.

ACTION: STAR will discuss the potential of lessons learned from the Citizen Science Association Conference for the Chesapeake Bay Program citizen science monitoring component.

11:45 AM Indicator Assessment Team Objectives and Update (*Mindy Ehrich – UMCES/CBPO and Jennifer Gundersen – EPA/CBPO*)

Mindy and Jennifer will present the objective of the Indicator Assessment Team, a preamble to the Status and Trends Team. They will also provide an update on current efforts and plans moving forward.

ACTION: STAR will provide comments and feedback on the objective and next steps of the Indicator Assessment Action Team.

12:00 PM Lunch (*provided by IAN*)

12:15PM Seminar Speaker followed by a Q&A

Using Chesapeake Bay Program Decision Support Tools for Developing Local TMDLs and Implementation Plans

Olivia H. Devereux, Environmental Scientist, DEC, Inc.

Presentation Summary:

Olivia will show how the Chesapeake Bay Program's decision support tools are used to develop local TMDLs and TMDL implementation plans. These decision support tools include CAST and BayFAST and the state-specific tools of MAST (Maryland) and VAST (Virginia). She will show examples of how the tools may be used to demonstrate the ability to comply with permit requirements related to nitrogen, phosphorus, and sediment loads as well as demonstrate costs associated with plans.

Presenter Biography:

Ms. Devereux founded Devereux Environmental Consulting, Inc. (DEC) in 2012 to serve both private and government sector environmental planning needs. She has nine years experience in the environmental field. Ms. Devereux offers expertise in modeling water quality improvements under various management actions. Ms. Devereux has worked frequently and directly with officials of all the jurisdictions in the Chesapeake Bay watershed with responsibility for planning, tracking, and reporting associated with the 2010 Chesapeake Bay TMDL. Along with J7 LLC, DEC is the developer and manager of a suite of online decision support tools that assist jurisdictions within the Chesapeake Bay Watershed to plan for compliance with the 2010 Chesapeake Bay TMDL: Chesapeake/Maryland/Virginia Assessment Scenario Tool (CAST/MAST/VAST) and BayFAST (a site specific planning tool).

Ms. Devereux was the lead scientist in developing the Scenario Builder, which is a process-based model for estimating pollutant loading to the land. The output of Scenario Builder serves as the input to the Chesapeake Bay Program's Watershed Model. Ms. Devereux previously has served on the environmental science staff of the Interstate Commission on the Potomac River Basin, the University of Maryland/Chesapeake Bay Program, and Haley & Aldrich, Inc.

M.S., Env. Science and Technology, Univ. of Maryland, College Park, 2006
B.A., Sociology, Univ. of Texas at Austin, 1991

1:30 PM Adjourn

1:30 PM Amigos Planning Meeting

- BASIN Report Executive Summary
- TetraTech contractor support
- STAC Proposal Comments