



Criteria Assessment Protocol Workgroup

January 22, 2020
10:30 a.m. – 3:30 p.m.

Conference Line: 929-205-6099 Meeting ID: 687-282-497

Webinar*: <https://zoom.us/j/687282497>

Meeting Materials:

https://www.chesapeakebay.net/what/event/criteria_assessment_protocol_workgroup_january_2020_meeting

Location: Potomac River Fisheries Commission Building
222 Taylor Street Colonial Beach, VA 22443

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

AGENDA

- 10:30** **Welcome, introductions & announcements – Peter Tango, Chair Criteria Assessment Protocol workgroup, USGS@CBPO**
- 10:50** **An update of the James River CHLA Criteria and their implementation – Tish Robertson (VADEQ)**
The proposed updates to the James River chlorophyll-a criteria summarizing work from a seven year study have been published to the Virginia register of regulations <http://register.dls.virginia.gov/vol35/iss11/v35i11.pdf> .
- 11:40** **Dissolved Oxygen Criteria Assessment at Virginia’s Chesapeake Bay Continuous Monitoring Stations – Tish Robertson (VADEQ)**
Tish will summarize the assessment results to additional explorations in implementing short – duration criteria assessment.
- 12:30** **Lunch**
- 1:30** **Next steps in Kd regressions for water clarity assessments – David Parrish (CBNERR) & Mark Trice (MDNR)**
David and Mark will highlight the current Kd regression approach and discuss potential adjustments for modeling Kd as part of the water clarity assessments.
- 2:10** **Shallow water monitoring programming in relation to the cross-GIT outcome needs – Emily Trentacoste (EPA) & Peter Tango (USGS)**

The Chesapeake Bay Program Goal Implementation Teams (GIT) have identified science needs for their outcome to recommend prioritization for those requiring resources. Multiple GITs listed “shallow water monitoring” as a science need. Emily and Peter will discuss how this science need is different across outcome groups and how interested parties recognize the possibility of coordinating future monitoring efforts to incorporate multiple needs beyond water quality.

2:40

Update on Assessing possible advances in SAV acreage assessment: STAC workshop proposal – *Brooke Landry (MD DNR, Chair of SAV Workgroup) & Peter Tango (USGS)*

Led by the SAV WG, a proposal was submitted for CBP-STAC consideration update the SAV monitoring program with the use of new satellite imagery and interpretation algorithms. In 2018 there were multiple program challenges to providing a full assessment including poor weather conditions and high turbidity/poor water clarity for effective aerial overflight surveys. Researchers are exploring the use of new, high resolution satellite imagery for improving the SAV survey. Brooke will give an update on the workshops held so far to explore satellite assessment for SAV and opportunities for other water quality measures to be assessed by satellite image interpretation.

3:30

Adjourn