Criteria Assessment Protocol Workgroup (CAP) Meeting

Tuesday, August 13, 2024
9:00AM-4:00PM
In-person location:
Potomac River Fisheries Commission – Commission Room
222 Taylor St, Colonial Beach, VA 22443

Virtual information:
Join by Webinar:
https://umces.webex.com/umces/j.php?MTID=m8d4eec605de8d831fa3a24bc282d4326
Meeting number: 2634 603 5661
Password: SWbKh2PeG73
Or join by phone
Dial: +1-408-418-9388 and enter Access code: 2634 603 5661

Meeting Materials

This meeting will be recorded for internal use 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". Please contact August at agoldfischer@chesapeakebay.net with any questions.*

AGENDA

9:00 AM **Arrival, coffee, mingling**

9:30 AM **Welcome, Introductions & Announcements – Peter Tango** (USGS), Chair

Upcoming Conferences, Meetings, Workshops and Webinars:

- Potomac River Conference – October 17, 2024, Lorton, Virginia.
- Watershed Forum – October 18-20, 2024, Shepherdstown, West Virginia.
- 12th US Symposium on Harmful Algae – October 27-November 1, 2024, Portland, Maine.
- 14th National Monitoring Conference – March 10-12, 2025, Green Bay, Wisconsin.

Meeting Objectives:

- Continue building common understanding in our community on evolving and improving our Chesapeake Bay monitoring and regulatory assessment frameworks.

- Take stock of Dissolved Oxygen (D.O.) criteria assessment options that may help address all Chesapeake Bay D.O. criteria durations with existing tools.
- Continue building community understanding of the new tidal Chesapeake Bay water quality interpolator with opportunities for input on interface needs.

9:45 AM Session 1: Monitoring and assessment framework

- 9:45 EPA requirements and expectations for 303(d)/305(b) assessment – Leah Ettema, EPA
    - Discussion
- 10:15 MDE presentation on regulatory needs and perspectives
    - Discussion
- 10:45 MD's Enhanced Monitoring - Fishing Bay case study – Becky Monahan, MDE; Sophia Grossweiler, MDE
    - Sharing concerns/requests using these data for assessment

11:30 AM 10-minute Break

11:40 AM Session 1: Monitoring and assessment framework - continued

- 11:40 VA DEQ will share their ideas for how we can assess all the Bay DO criteria with existing datasets and assessment tools – VA DEQ
- 12:20 VA updates on CB7PH – Tish Robertson, VA DEQ
    - DEQ will talk about the new deep trench station they just added to CB7PH
- 12:25 Final Q&A before lunch

12:30 PM Lunch

1:15 PM Session 2: Interpolator 101

Interpolator 101 Presentation – Peter Tango, USGS

Questions that will be addressed include (but are not limited to):

- Why do we interpolate?
- Revisiting the initial challenges that led to choosing the 4-Dimensional Interpolator as the solution.
- What is the 4-D Interpolator being designed to do? And what it will not be able to do?
- How does the interpolator make full use of our monitoring data?
- How does the 4-D Interpolator benefit our assessment practices?
- What is the value added by the 4-D Interpolator to our program?

2:00 PM Discussion

2:15 PM **10-minute break**

2:25 PM **Session 3: Short duration criteria attainment decision**

- 2:25 Updates on dissolved oxygen monitoring and assessment investments – Peter Tango, USGS
    - Discussion
- 2:50 Reflection on past work on short duration criteria attainment – Peter Tango, USGS
- 3:05 Binomial decision structure North Carolina – Clifton Bell, Brown & Caldwell
- 3:20 Discussion period
    - How do we assess 7-day and 1-day means?
    - Use of community science data
    - Roles/responsibilities in Bay criteria assessment

3:35 PM **Takeaways and actions from the day**

4:00 PM **Adjourn**