



Bay Oxygen Research Group Meeting

Monday, May 18, 2026
12:00 PM – 1:00 PM

[Join the meeting via Microsoft Teams](#)

Meeting ID: 216 055 068 110 74 | **Passcode:** Hu7q3o8E
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[Visit the meeting webpage for meeting materials and additional information.](#)

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Please read the following information carefully, as our meeting policies have changed:

- All meeting attendees' cameras and microphones will be muted at the start of the meeting.
- To request access to the microphone and camera, all meeting participants will be required to use the raised hand feature on Teams. Once access has been granted by the meeting organizer, you will then be allowed to unmute your mic and turn on your camera. Unless instructed otherwise, once a participant has microphone or camera access, they will have this permission for the remainder of the meeting.
- Access to chat will be provided as well. Should it be necessary, the Q&A feature on Teams will be utilized to field participant questions.

Compromised Meeting Plan: If the meeting's privacy is compromised, the meeting staffer and coordinator will send an email to all Members, alternates, staffers, coordinators, and interested parties. Within the email, you will find a new meeting link, instructions on sharing this information with external partners, and any necessary adjustments to the meeting schedule. Please do NOT share this information publicly or post it to the Chesapeakebay.net webpage.

Purpose: This is the May monthly meeting for the Bay Oxygen Research Group (BORG). In this meeting, participants will hear from Rebecca Murphy (UMCES) on the grid thinning. This is a decisional item that was explored in the [November 2025](#) and [April 2026](#) BORG meetings. Next, Rebecca will be sharing the progress with the Fishing Bay analysis and discussing with participants about how this information could be used. Lastly, Breck Sullivan (USGS) will be presenting the 4-d interpolator timeline.

Agenda

I. Welcome, Introductions & Announcements (12:00 PM – 12:05 PM)

Lead: Breck Sullivan (U.S. Geological Survey, USGS)

Upcoming Conferences, Meetings, Workshops and Webinars

- [Choose Clean Water Conference](#) – May 18-20, 2026. Lancaster, Pennsylvania.

- [Chesapeake Community Research Symposium](#) – June 1-3, 2026. Annapolis, Maryland.
- [Restore America's Estuaries' 2026 Coastal & Estuarine Summit](#) – September 22-25, 2026. San Francisco, California.
- [Chesapeake Watershed Forum](#) – November 13-15, 2026. Shepherdstown, West Virginia. *Session proposals are currently open and due May 27. More information can be found [here](#).*

Announcements

- At the April 20th BORG meeting, the development team presented on testing simulation counts. Based on discussion, the team is still testing out different approaches and will bring the topic back to a future meeting.

II. Grid Thinning (12:05 PM – 12:30 PM)

*Lead: **Rebecca Murphy** (University of Maryland Center for Environmental Science, UMCES)*

At the [November 2025 Bay Oxygen Research Group meeting](#), Rebecca Murphy presented the proposal to think the interpolation grids of five segments to address the ability to do analyses on a personal laptop. Four of these segments were at 50m resolution. During the discussion from this meeting, participants proposed thinning all 50m grid resolution segments to 100m and wanted to know how that would impact interpolation results. At the [April 2026 BORG meeting](#), Rebecca presented on the remaining 50m grid resolution segments as well as possibly thinning some of the 100m segments. This presentation will be a brief highlight of the impacts and suggested conclusions for participants to weigh in on for a decision.

Requested Action: Decisional

Materials: Presentation will be made available on the [meeting webpage](#).

III. Fishing Bay Analysis (12:30 PM – 12:50 PM)

*Lead: **Rebecca Murphy** (UMCES)*

The development team has started working with the Fishing Bay data while still building parts of the 4-d approach. They would like to show some of the progress they have made and discuss the question, “What type of results or information would BORG like to see out of using the Fishing Bay data?”

Requested Action: Discussion

Materials: Presentation will be made available on the [meeting webpage](#).

IV. 4-D Interpolator Timeline (12:50 PM – 1:00 PM)

*Lead: **Breck Sullivan** (USGS)*

Breck will provide an update on internal deadlines the development team has set for themselves to show results/progress along with timelines for partnership reviews and documentation to ultimately help partners understand what is coming ahead.

Requested Action: Discussion

V. Adjourn (1:00 PM)

Next Meeting: [June 2026](#) *will be rescheduled shortly