



Bay Oxygen Research Group Meeting

Thursday, June 17, 2021

2:00 PM – 3:00 PM

Meeting Link*:

<https://umces.webex.com/umces/j.php?MTID=m31984edd591fcc4b9f545bc507197d25>

Meeting Number: 120 286 2305

Password: BORG

Conference Line: +1-408-418-9388 Access Code: 120 286 2305

Meeting Materials:

https://www.chesapeakebay.net/what/event/bay_oxygen_research_group_june_2021_meeting

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

This meeting will be recorded for internal use to assure the accuracy of meeting notes.

AGENDA

- 2:00 Welcome, Introductions & Announcements – Peter Tango, Coordinator (USGS@CBPO)**
- 2:05 Stakeholder Requirements – Rebecca Murphy (UMCES)**
Continue discussion from May BORG meeting on stakeholder requirements for tool development. Documenting requirements and referencing the elements of the existing interpolator that we want to retain in our new interpolator will be discussed.
- 2:25 Data Needs for Infrastructure Development – Peter Tango**
We will review existing monitoring efforts and new vertical profiler deployments for consideration on how to support data needs of the water quality estimator.
- 2:45 Tentative: Alternative interpolator methods for the 4D estimator – Isabella Bertani (UMCES)**
Consideration for an alternative method to explore in addition to GAMs + simulation may be touched on as a lead into our next agenda item regarding summer activities.
- 2:50 Schedule Summer Activities – All**
Based on our team discussions to date, the summer season will be used to build out the recipe for the structure of our interpolator. Development of a requirements document will be underway over the next 3 months. Exploratory tests of methods will be conducted to inform a decision in autumn on the development path forward. Meeting frequency may change as development work is underway.
- 3:00 Adjourn**