

CHESAPEAKE BAY PROGRAM
WATER QUALITY GOAL IMPLEMENTATION TEAM
JANUARY 25, 2021 CONFERENCE CALL

Webex Meeting Information*

Meeting link: <https://umces.webex.com/umces/j.php?MTID=mb4727b9c676d27943f1a6247a3cd1068>

Meeting number: 120 540 1587

Password: GIT3

OR

Phone: 1-408-418-9388 United States Toll; **Access code:** 120 540 1587

Please join by either computer audio **or your phone, **not both**. Viewing the webinar in the desktop app is recommended over the web browser. If you experience bandwidth issues, we recommend turning off your video when not speaking. **This meeting will be recorded for internal use to ensure the accuracy of the meeting minutes.***

Meeting Materials: [Link](#)

1:00 Welcome/Confirm Call Participants/Workgroup Updates –WQGIT Co-Chairs (15 min.)

Announcements:

- 2025 WIP Outcome SRS Update – Ed Dunne
- CAST 2021 Updates – Jeff Sweeney
- BMP Verification Ad Hoc Action Team Updates – Vanessa Van Note
- Updates on Land Cover / Land Use Data in CAST 2021 – Peter Claggett
- **Next conference call:** February 22, 2021 from 1:00 – 4:00 PM

1:15 At- Large Member Nominees for 2021 – WQGIT Co- chairs (30 min.)

James Martin and Ed Dunne will review the WQGIT governance protocols for At- large members. All nominations were due on January 15th. Nominees will briefly (1-2 min.) introduce themselves to the WQGIT. The voting period opens at the end of this meeting and will close on February 3rd.

1:45 Annual Tidal Water Quality Trends – Rebecca Murphy, UMCES, and Jeni Keisman, USGS (40 min.)

The tidal station-based water quality trends ending in 2019 generated in cooperation with MD and VA state analysts will be presented. A new interactive tool to explore and use the tidal results will be demonstrated as well.

2:25 New Fact Sheet on Nutrient Trends and Drivers in the Chesapeake Bay watershed – Kenneth Hyer and Scott Phillips, USGS (40 min.)

Ken and Scott will provide an overview of a new fact sheet that summarizes and translates the findings and complex science of nitrogen and phosphorus trends in the nontidal portion of the watershed. The fact sheet was created in a partnership between the USGS, UMCES, and CBP office.

3:05 Optimization of Phase 6 CAST – Kalyanmoy Deb and Gregorio Toscano, Michigan State University (MSU) (40 min.)

Substantial progress over the last three quarters has been made in the development of an optimization for CAST Phase 6 applications. The work will be presented by the Michigan State University (MSU) Team.

In addition, principles and methods of optimization, as applied to the CAST System with the CBP objectives of least cost or greatest nutrient reduction, will be discussed.

4:00 Adjourn