



Modeling Workgroup Conference Call September 10, 2020

Event webpage:

https://www.chesapeakebay.net/what/event/september_2020_modeling_workgroup_conference_call

For Remote Access:

Zoom Link: <https://zoom.us/j/93023596119>

Phone number: 301 715 8592 Meeting ID: 930 2359 6119

Password: **997291**

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Agenda

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

- 10:00 Announcements and Amendments to the Agenda – Mark Bennett, USGS and Dave Montali, Tetra Tech**
- 10:05 Collaborative Progress on the Regional Hydrology Model – Gopal Bhatt, Penn State, Isabella Bertani, UMCES, and Gary Shenk, USGS**
Progress on the collaborative CBP Regional Hydrology Model will be discussed.
- 10:45 Proportion of Atmo Dep N delivered to Chesapeake Tidal Waters – Gopal Bhatt, Penn State**
A new analysis of the proportion of atmospheric deposition of N delivered to tidal waters will be presented.
- 11:10 A Pilot Study of a Continuous DO Monitor with Multiple Fixed Depth DO and STD Sensors – Peter Tango, USGS**
Initial results will be presented from a pilot study of a continuous DO monitor with multiple fixed depth DO and STD sensors in CB4 that could provide new opportunities for calibration of the next generation Bay model as well as application to better water quality standard assessments.
- 11:35 Estimated Tidal Bay Nutrient Limitation with Applications to the 2017 Bay Model – Qian Zhang and Richard Tian, UMCES and Lew Linker, EPA-CBPO**
The importance of nutrient limitation to Bay Model calibration and as applied to broad CBP policy such as the Watershed Implementation Plans (WIPs) will be discussed and an examination of estimated nutrient limitation of key scenarios such as the WIP3, No Action, and Progress Scenarios will be described. Modeling Workgroup support for proposing new nutrient bioassay work in the Chesapeake will be requested.
- 12:00 ADJOURN**