



Modeling Workgroup Conference Call November 5, 2020

Event webpage:

https://www.chesapeakebay.net/what/event/november_2020_modeling_workgroup_conference_call

Join by Webinar: **Meeting Number:** 120 401 5743

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Or join by phone: **Conference Line:** +1-408-418-9388 **Access code:** 120 401 5743

Agenda

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

- 12:30 Announcements and Amendments to the Agenda – Mark Bennett, USGS and Dave Montali, Tetra Tech**
- 12:35 Outline of Sediment Simulation in the Regional Hydrology Model – Gary Shenk, USGS.**
Overall development and approaches of the sediment simulation in the CBP Regional Hydrology Model (RHM) will be discussed.
- 1:05 Generation and Transport of Sediment on the Land – Peter Claggett, USGS**
Approaches to simulating the generation of a sediment load and its subsequent transport on land surfaces to adjacent Chesapeake streams, rivers, and tidal waters will be presented.
- 1:45 Sediment Fate and Transport Simulation in Rivers and Streams – Greg Noe, USGS**
Estimates of the interaction of channel and floodplain erosion and aggradation will be presented and a path forward to the simulation of sediment fate and transport in the Chesapeake watershed will be discussed.
- 2:30 Putting It All Together – Gopal Bhatt, Penn State**
Putting together the various elements of sediment simulation into an approach for the fine scale simulation of erosion and sediment transport with an eye toward extending the approaches to a fine scale nutrient simulation will be reviewed.
- 3:00 ADJOURN**