



## **Modeling Quarterly Review Meeting Estuarine & Ecosystem Modeling**

October 13, 2016

CBPO Conference Room - The Fish Shack  
410 Severn Avenue Annapolis, MD 21403

### **For Remote Access:**

**Adobe Connect:** <https://epawebconferencing.acms.com/modeling> (enter as guest)

**Conference Line:** (866)-299-3188 **Code:** 410-267-5731

**Event webpage:** <http://www.chesapeakebay.net/calendar/event/24281>

**10:00 Announcements and Amendments to the Agenda – Lee Currey, MDE and Dave Montali, WVDEP**

**10:05 WQSTM Calibration to the Phase 6 *Beta* 3 Loads – Carl Cerco, U.S. CoE ERDC**

The Water Quality and Sediment Transport Model (WQSTM) calibration to the Phase 6 *Beta* 3 loads will be examined in detail.

**11:10 Progress in the Simulation of Tidal Wetlands – Carl Cerco, U.S. CoE ERDC**

Progress in the simulation of tidal marsh attenuation of nitrogen, phosphorus, and sediment will be described as well as the general progress in developing an improved representation of shallow water in the Water Quality and Sediment Transport Model (WQSTM).

**11:45 Status of Climate Change and Conowingo Infill Analysis – Lew Linker, EPA-CBPO**

An update on the work being done in the climate change and Conowingo infill analysis.

**12:00 Lower Susquehanna River Impoundment Modeling Studies – Jim Fitzpatrick and Mark Velleux (HDR)**

Final outputs from a sediment and nutrient mass balance model of Conowingo Pool called the Conowingo Pool Mass Balance Model (CPMBM) will be presented and the integration with the Phase 6 Watershed Model will be discussed.

**12:30 ADJOURN**