



Modeling Quarterly Review Conference Call

September 4th, 2014 10AM – 12PM

For Remote Access:

Adobe Connect: <https://epa.connectsolutions.com/modeling/> (enter as guest)

Conference Bridge: 1-(866)-299-3188 code 410-267-5731#

Event webpage: <http://www.chesapeakebay.net/calendar/event/21924/>

AGENDA

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

- **SAVE THE DATE:** [Next Modeling Quarterly September 30th – October 1st, 2014](#)
- **MINUTES:** July Modeling Quarterly Meetings have been sent out. Please review and send comments to Amanda Pruzinsky by COB September 12th, 2014.

10:10 Status Update on Phase 6 Model Land-use – Peter Claggett, USGS

Peter Claggett will present an update on the status of the Phase 6 Model Land-use classifications. For more information, please see the [Land-Use Workgroup](#) page.

10:40 A Proposal For Climate Change, Sea Level Rise, and Marsh Loss – Carl Cerco, U.S. CoE ERDC [Attachment](#)

Marsh erosion can impact water quality in two fashions. The first is the effect on light attenuation and biogeochemistry associated with eroded materials released to the water column. The second, often overlooked, effect is the loss of marsh function. Beneficial functions include retention and burial of suspended solids, nutrient uptake and sequestration, and nitrogen removal through denitrification. Loss of these functions has the potential to affect water quality standards.

11:20 A Proposal for Extending the Wet Deposition of Nitrogen estimates to 2013 Jeff Grimm, Penn State [Attachment](#)

The proposed work plan is for the extension and refinement of the ammonium and nitrate atmospheric wet deposition models from the original 1984 to 2005 time-span currently used by the CBP (Grimm and Lynch, 2005; Grimm, 2007) to an extended period of 1983 to 2013. This will update the load source of what is among the highest Chesapeake nitrogen inputs and bring it up to the current period.

12:00 ADJOURN