



# **Air Directors Meeting**

**March 25, 2013 10AM – 2PM**  
**CBPO Conference Room – The Fishshack**  
**410 Severn Avenue**  
**Annapolis, MD**

**For Remote Access:**

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

**Conference Bridge:** (866)-299-3188 code 4102675731

**Web Site:** <http://www.chesapeakebay.net/calendar/event/19335>

- 10:00 am     Announcements and introductions – Esher**
- 10:10 am     Air - Water Nitrogen Exchanges: An Introduction – Linker**  
Basin-to-basin, nitrogen-to-phosphorus, and air-to-water exchanges in the Chesapeake TMDL promote efficient watershed management and provide appropriate credits to nitrogen loads delivered to the Bay. The exchanges will be described with emphasis on the air-to-water nitrogen exchanges.
- 10:30 am     An Aggregate Air-Water Exchange – Dennis**  
Robin will update the Workgroup on refinements made to the state and sector analysis of NO<sub>x</sub> transport throughout the Chesapeake watershed, tidal Bay, and region and the development of an aggregate air-water exchange.
- 11:30 pm     Decision Rules in Air-Water Exchanges – Linker**  
The decision rules that could be applied to the air-water exchanges such as a reset at 2017 with new CMAQ scenarios, the accounting of only actual implemented programs in the exchange, the exchange done once for all emissions in the Chesapeake watershed on approved data sets, the exceptions of court ordered additional reductions, the use of CMAQ exchange functions, and other potential decision rules will be discussed.
- 12:00 noon   LUNCH**
- 1:00 pm     Simulation of Bidirectional Ammonia with CMAQ – Bash**  
Jesse Bash, the lead nitrogen modeler of EPA's Atmospheric Modeling and Analysis Division, will describe a new version of CMAQ that will be used for the 2017 Midpoint Assessment and the advantages of the new version for nitrogen chemistry in general and for ammonia transport and fate in particular.
- 1:30 pm     Discussion and Next Steps – Esher and Linker**
- 2:00 am     ADJOURN**