APNEP Scientific and Technical Advisory Committee Quarterly Meeting Agenda October 15, 2009

North Carolina Department of Environment & Natural Resources Regional Office, 943 Washington Mall, Washington, North Carolina 27889

10:00 a.m.	Call to Order and APNEP Update
10:15 a.m.	Nutrient Modeling as a Tool to Support Ecosystem-Based ManagementShenk Gary Shenk, Modeling Specialist with the U.S. Environmental Protection Agency, will share insights on the role of nutrient models in support of ecosystem-based management based on his work in the Chesapeake Bay Program.
11:00 a.m.	Modeling the Atmospheric Deposition of Nutrients
11:30 a.m.	Watershed Nutrient Transport Models
12:00 p.m.	A-P Science & Technology Issues
12:45 p.m.	Nutrient Modeling within the North Carolina Division of Water Quality Lin Jing Lin, modeler in North Carolina Division of Water Quality's Modeling and TMDL Unit, will discuss the use of nutrient models to support total maximum daily load (TMDL) and other nutrient management activities in A-P watersheds.
1:15 p.m.	Network Modeling of Estuarine Nitrogen Cycling
1:45 p.m.	Modeling and Mapping of Ecosystem Services and Human Well-BeingAngermeier Paul Angermeier, Professor of Fisheries & Wildlife Sciences at Virginia Polytechnic Institute & State University, will discuss research plans of a multi-investigator, US Geological Survey-funded project that will investigate spatial linkages between biophysical ecosystem changes, capacity and flow of aquatic ecosystem services, and human well-being in the A-P region.

3:00 p.m. Adjourn

Note: The scheduled times for issue topics are estimates and may vary during the meeting.