

**APNEP Scientific and Technical Advisory Committee
Quarterly Meeting Agenda
October 23, 2008**

Auditorium, Goose Creek State Park, 2190 Camp Leach Road, Washington, North Carolina

- 10:00 a.m. Call to Order..... Spruill**
Tim Spruill, STAC Co-Chair, will call the meeting to order.
- Welcome
 - Approval of summer meeting minutes
- 10:15 a.m. APNEP UpdateCarpenter**
Dean Carpenter, APNEP Science Coordinator, will update members on APNEP activities since the summer meeting.
- 10:30 a.m. Spreading Dead Zones and Consequences for Marine Ecosystems.....Diaz**
Dr. Robert Diaz, Professor of Marine Science at the Virginia Institute of Marine Science (VIMS), will brief the Committee on research that supported a review article he co-authored with Rutger Rosenberg in the August 15 issue of the journal Science entitled “Spreading Dead Zones and Consequences for Marine Ecosystems”, and the relevance of its findings to the A-P region.
- 11:15 a.m. US Fish & Wildlife Service activities in the A-P Region TBD**
A USFWS representative will brief the Committee on USFWS programs and activities in the Albemarle-Pamlico region and explore partnership opportunities to support APNEP’s mission.
- 12:00 p.m. Open Topic Discussion.....Sпруill**
Tim Spruill, STAC Co-Chair, will facilitate a discussion about science & technology topics raised by Committee members or other meeting participants.
- 1:00 p.m. But How Can I Do That? The ABCs of Coastal Ocean Color Remote Sensing..... Miller**
Richard Miller, STAC member, will brief members on the potential applications of remote sensing to coastal aquatic environments based on his research at NASA from 1987-2008.
- 1:45 p.m. Impact of Groundwater Quality on Surface Waters of the A-P Region.....Spruill**
Tim Spruill, STAC Co-Chair, will brief members on the impact of groundwater quality on surface waters of the Albemarle-Pamlico Estuarine System, based a platform presentation at the North Carolina Water Resource Research Institute annual conference on October 8-9.
- 2:15 p.m. USGS-NAWQA’s Effects of Urbanization on Stream Ecosystem Program...McMahon**
Gerard McMahon, STAC member, will brief members on the Effects of Urbanization on Stream Ecosystem (EUSE) Program, part of the U.S. Geological Survey’s National Water Quality Assessment (NAWQA). In addition, Dr. McMahon will also provide an update on the Southeast version of the Spatially Referenced Regressions on Watershed Attributes (SPARROW) model.
- 3:00 p.m. Adjourn**

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