

**APNEP Scientific and Technical Advisory Committee  
Quarterly Meeting Agenda  
April 30, 2008  
Auditorium, Jockeys Ridge State Park, Nags Head, North Carolina**

- 10:00 a.m. Call to Order.....** *White*  
Nancy White, STAC Co-Chair, will call the meeting to order.
- Welcome
  - Approval of winter meeting minutes
- 10:15 a.m. APNEP Update .....** *Carpenter*  
Dean Carpenter, APNEP Science Coordinator, will update members on APNEP activities since the winter meeting.
- 10:30 a.m. Environmental Observation Network System for North Carolina (NC-EONS)**  
..... *Christian*  
Dr. Robert Christian, East Carolina University's Department of Biology faculty member and former STAC Executive Board member, will brief members on the initial implementation phase of NC-EONS including development of a prototype monitoring platform in Southern Pamlico Sound that enables sustained collection of marine and atmospheric environmental data.
- 11:00 a.m. MORPHOS Advanced Coastal Process Research Modeling.....** *Hanson*  
STAC member Jeffrey Hanson will brief members on progress by the U.S. Army Corps of Engineers in developing a physics-based modeling toolbox for tropical and extra-tropical storm risk assessment. Such a system of tools could be used to plan and prepare for future weather impacts on fragile coastal communities and resources in the APNEP Region.
- 11:45 a.m. Open Topic Discussion.....** *TBA*  
STAC Co-Chair(s) Elect will lead a discussion on possible STAC activities in the 2008-2009 period in anticipation of a strategic planning exercise later this year by the STAC Executive Board.
- 12:45 p.m. Fecal Coliform Export in Bogue Sound Watersheds.....** *White*  
STAC Co-Chair Nancy White will brief members on newly published research designed to quantify and compare fecal coliform levels and export in two coastal watersheds contributing to Bogue Sound, each with different levels of land use.
- 1:15 p.m. Coastal Submerged Aquatic Vegetation Mapping in Coastal North Carolina and Southeastern Virginia.....** *Field*  
STAC member Don Field will brief members on progress by the SAV Partnership in creating a baseline SAV map as an initial step to assess historical and future changes in areal coverage of coastal SAV.
- 2:00 p.m. Coastal Submerged Aquatic Vegetation Monitoring Program for APNEP Region**  
..... *Kenworthy*  
STAC member Jud Kenworthy will brief members on recommendations for a proposed SAV monitoring program to track this candidate APNEP indicator.
- 3:00 p.m. Adjourn**

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