



# Geographic Information Science Workshop 2008

March 28th (colloquium) and 29<sup>th</sup> (workshop)

## Sponsored by:

Coastal Maritime Council

Department of Geography

Center for Geographic Information Science

Renci Coastal Systems Informatics and Modeling

UNC Research Competitiveness

East Carolina University

Topics  
GIS  
Remote Sensing  
Terrestrial Laser Scanning  
Web-based GIS and Cartography  
Estuarine Mapping  
3D Modeling in GIS  
LIDAR Coastal Change  
HAZUS GIS-based Risk Assessment  
Geovisualization

# Agenda

## Friday, March 28, 2008

2:00-3:00 pm Rivers West 105A	Kickoff Colloquium: 7 <b>Ross Lunetta, Senior Research Scientist, EPA National Exposure Research Laboratory</b> <b>Monitoring Terrestrial Vegetation and Estuarine Phytoplankton Dynamics across the Albemarle-Pamlico Basin and Estuary System</b>
----------------------------------	---

## Saturday, March 29, 2008

8:00 am - 8:30 am Rivers West 105A	Registration and Continental Breakfast Choose your afternoon breakout sessions
8:30 am to 9:30 am	Opening Addresses: <b>Tom Allen, GIScience for Coastal Systems</b> <b>Tom Crawford, Human Dimensions of GIScience and Technology</b> <b>Co-Directors, ECU Center for GIScience</b>
9:30 am to 9:50 am	Presentation: <b>Scott Bellows, Spatial Modeling of Mosquito Vectors in the Coastal Plain</b>
9:50 am to 10:15 am	Presentation: <b>Bradley Shellito, 3D GIS Modeling and Geovisualization</b>
10:15 am to 10:30 am	Break
10:30 am to 10:50 am	Presentation: <b>Jon Sellars, National Geodetic Survey, Coastal Mapping and Remote Sensing at NOAA's National Geodetic Survey</b>
10:50 am to 11:15 am	Presentation: <b>Thad Wasklewicz, High-Definition Laser Scanning</b>
11:15 am to 11:40 am	Presentation: <b>Paul Gares, Coastal Topographic Change in North Carolina</b>
11:40 am to 12:00 pm	Presentation: <b>Jim Wilson, Delimiting Populations Vulnerable to Storm Surges</b>
12:00 pm to 1:00 pm Brewster D-207/208	Lunch provided
1:00 pm to 2:00 pm	Register in the morning for 3 of the following breakout sessions with GIS faculty (20 mins. each): <ul style="list-style-type: none"> <li>o Renci@ECU Visualization Wall, BC-202, Tom Allen</li> <li>o Web-based GIS and Cartography, Karen Mulcahy</li> <li>o HAZUS: GIS-based Risk Assessment, Scott Wade</li> <li>o Remote Sensing, Yong Wang</li> <li>o Human Dimensions Applications, Tom Crawford and Jim Wilson</li> </ul> <p>After attending three breakouts, reconvene for wrap-up in BC-206</p>
2:00 pm to 2:15 pm Brewster C-206	<b>Breakout Summary and Closing Remarks</b>