A Day in the Classroom – 100 Years of Coastal Change
Building Geospatial Skills and Watershed Stewardship

Nordica C. Holochuck, Sea Grant Extension Specialist
New York Sea Grant, Kingston, NY

Susan B. Hoskins, Senior Extension Associate
Cornell University, Ithaca, NY

Educator Workshops
• "Water: H_2O = Life" Exhibit Workshop
  American Museum of Natural History, New York

• NYS Marine Educators Association Inservice
  Wildlife Conservation Society
  New York Aquarium at Coney Island, New York

• NYS Marine Educators Association Annual Conference
  Southampton College, NY

• Teaching the Hudson Valley Institute
  National Park Service
  FDR Home & Presidential Library, Hyde Park, NY

• "Mapping Mannahatta" Teacher Training
  Wildlife Conservation Society
  Central Park Zoo, New York

• Science Council of New York City Conference (SCONYC)
  Stuyvesant High School, New York

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For Information contact:
Nordica C. Holochuck
nch8@cornell.edu
(845) 340-3983

Susan B. Hoskins
sbh1@cornell.edu
(607) 255-4864

Landscape Visualization
Maps and airphotos, tools of Geospatial Science, provide a window to the past, a snapshot of the present and vision of the landscape of the future.

Habitat Stewardship
Fostering an understanding of coastal resources encourages watershed stewardship.

Data Synthesis
Integrating technical data and narrative reports, educators collaborate to tell the story of a changing urban coastline.

Technical Skill Building
Learning the language of geospatial data builds math, science and technology skills.

Site Characterization Exercise
Characterize your site at the turn of the century, ca 1900. How has the shoreline changed over the past 100 years? Are these natural changes or human-influenced? Describe the land use changes adjacent to the site. How do you think changes in shoreline and adjacent land impact the value of the estuary habitats?

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