



NExUS Ongoing Projects and Activities Tue Nov 20 00:39:30 EST 2018

Name	Mitigating Shoreline Erosion along the Hudson River Estuary's Sheltered Coasts
Description	This project has several components including evaluating and comparing ecological functions of six types of natural and engineered shoreline present in the Hudson Estuary, conducting an engineering analysis to evaluate selected shore protection measures, and characterizing the short- and long-term costs of different shoreline hardening, vegetating approaches, and land use management measures used to control erosion characterizing legal framework and identify legal and regulatory opportunities for enhancing shoreline protection, and involving stakeholders. A key component also addresses climate change, specifically the project is developing more accurate regional projections of climate impacts. This involves collecting LiDAR data for the New York Shoreline and initiating a conversation on adaptation entitled Shoreline and Habitat Adaptation Dialog.
Category	- Research
Sector	- Infrastructure - Natural Ecosystems
Focus Area	- Coasts and Climate Resilience (including sea-level rise)
Region	- Regional Or State -- Mid-Atlantic
Status	- Ongoing
Timelines	Start 2008
Lead Agencies	Hudon River National Estuarine Research Reserve
Contacts	Betsy Blair, Hudson River NERR (HRNERR)