NExUS Reports and Tools (Data, Products and Services) Wed Nov 21 02:54:34 EST 2018

Name	Coastal Resilience: New York and Connecticut
Description	Coastal Resilience was developed to help practitioners and stakeholders understand how they can make informed decisions about marine and coastal conservation, land protection, and coastal development, and implement ecosystem-based adaptation strategies. Coastal Resilience helps users visualize future conditions so they can design, build, and discuss alternative future scenarios that address sea level rise, storm surge, social and ecological vulnerability, and conservation priorities. The Coastal Resilience project delivers geospatial information on coastal ecosystems, socioeconomics, community vulnerability, and coastal hazards (including sea level rise and storm surge) via an internet mapping application that is a data viewer, data discovery tool, and a future scenario mapper. Coastal Resilience also includes a summary tool for calculating economic and ecological loss in specific geographies within the study area given different future scenarios. Coastal Resilience provides decision support to local decision-makers who are conducting their own comprehensive or post-storm redevelopment plans, and serves as an educational tool to inform stakeholders on the risks of sea level rise and storm surge.
Type	- PRODUCTS: Maps (Imagery, geo-referenced data) - PRODUCTS: Viewers and Web-based Tools
Sector	
Focus Area	- Coasts and Climate Resilience (including sea-level rise)
Region	- National - Regional Or State
Lead Agencies	Long Island Sound Study, The Nature Conservancy