



NExUS Ongoing Projects and Activities Mon Feb 18 13:30:37 EST 2019

Name	Sentinel Monitoring for Climate Change in the Long Island Sound Estuarine and Coastal Ecosystems of New York and Connecticut
Description	<p>The Sentinel Monitoring for Climate Change in Long Island Sound Program is a multidisciplinary scientific approach to provide early warning of climate change impacts to Long Island Sound ecosystems, species and processes to facilitate appropriate and timely management decisions and adaptation responses. These warnings will be based on assessments of climate related changes to a set of indicators/sentinels recommended by our technical advisory work groups. The Program has a monitoring strategy and workplan as well as information on the indicators being used. This is a collaborative program and includes funding from the EPA Climate Ready Estuaries Program.</p> <p>Goals include: 1) to collect and synthesize data that will indicate how Long Island Sound is changing 2) provide scientists and managers with the information necessary to prioritize climate change impacts and mitigate and determine appropriate adaptation strategies for these impacts to the LIS ecosystem.</p>
Category	- Monitoring
Sector	<ul style="list-style-type: none"> - Managed Ecosystems - Natural Ecosystems - Biota
Focus Area	<ul style="list-style-type: none"> - Sustainability of Marine Ecosystems - Coasts and Climate Resilience (including sea-level rise) - Changes in Extremes of Weather and Climate - Conservation/ Restoration of Sensitive Species and Habitats
Region	- Regional Or State -- New England -- Mid-Atlantic
Status	- Ongoing
Lead Agencies	EPA Long Island Sound Office, National Oceanic and Atmospheric Administration, New York Department of Environmental Conservation, Connecticut Department of Energy and Environmental Protection, New York Sea Grant and Connecticut Sea Grant