



Name	Climate Sensitivity of the National Estuarine Research Reserve System
Description	<p>From the Executive Summary: This report examines some of the factors that make estuaries and the communities dependent on estuarine resources susceptible to climate change. The work is focused in the National Estuarine Research Reserve System (NERRS) a collection of 28 reserves located around the U.S. and Puerto Rico, which are managed as a partnership between the National Oceanic and Atmospheric Administration (NOAA) and the coastal states for long-term research, ecosystem monitoring, education, and coastal stewardship. The NERRS is uniquely positioned to assess climate change impacts in the nation's estuaries because the system is composed of a diverse set of managed coastal ecosystems encompassing different biogeographic regions and estuarine types that are exposed to various gradients of human- and climate-related stressors.</p> <p>The study 1) analyzes and synthesizes available information and data that describe the physical, ecological and socio-demographic attributes of the reserves, 2) identifies the dominant stressors that impact reserves and examines reserve ecological resiliency, and 3) categorizes reserves based on their potential sensitivities to climate hazards/variables, ecological resiliency, projected changes in temperature, and projected sea level rise.</p>
Type	- PRODUCTS: Plans, Assessments, Studies
Sector	<ul style="list-style-type: none"> <li>- Public Health and Safety</li> <li>- Managed Ecosystems</li> <li>- Natural Ecosystems</li> <li>- Economic Resources</li> </ul>
Focus Area	<ul style="list-style-type: none"> <li>- Coasts and Climate Resilience (including sea-level rise)</li> <li>- Conservation/ Restoration of Sensitive Species and Habitats</li> </ul>
Region	- Regional Or State -- New England -- Mid-Atlantic -- Great Lakes -- South East
Lead Agencies	NOAA National Estuarine Research Reserve System NERRS
Contacts	Dwight Trueblood, NOAA Estuarine Research Division, <a href="mailto:dwight.trueblood@noaa.gov">dwight.trueblood@noaa.gov</a>