



RESOURCES

RHODE ISLAND RESOURCES AND STATUS REPORTS

[RI Executive Climate Change Coordinating Council \(EC4\) Annual Report](#) (June 2016).

Summarizes the activities of the EC4 and the nine agencies/offices that comprise the Council into key categories: Adaptation, Vulnerability Assessments, Mitigation, Leading by Example, Municipal Collaboration, Economic Resilience, and Research and Analysis.

[Rhode Island's Changing Climate: Building Resilience Through Local Solutions](#). This 10-minute documentary uses local examples to describe impacts as well as demonstrate ways Rhode Island communities are leading the way in addressing climate change.

[Resilient Rhody](#). RI's climate change legislation that sets actions we can take to protect our infrastructure and our natural resources, strengthen our economy, preserve the health of our environment, and keep Rhode Islanders safe.

VULNERABILITY ASSESSMENTS

[Socioeconomics of Sea Level Rise](#) (RI Statewide Planning Program Technical Paper 168).

Identifies the social, economic, and demographic characteristics of residents vulnerable to various sea level rise scenarios in the state's 21 coastal communities.

[Vulnerability of Statewide Transportation Assets to Sea Level Rise](#) (RI Statewide Planning Technical Paper 164). Provides an overview of the exposure of RI's key transportation assets and identifies a subset of infrastructure under state jurisdiction that is most vulnerable to 1, 3, and 5 feet of sea level rise.

[Vulnerability of Municipal Transportation Assets to Sea Level Rise and Storm Surge](#) (RI Statewide Planning Technical Paper 167). Identifies the municipal transportation assets in the state's 21 coastal communities at risk under one, three, five and seven feet of sea level rise and analyzes how these scenarios would interact with a 100-year storm surge event.

[Implications of Climate Change for RI Wastewater Collection & Treatment](#)

[Infrastructure](#). Assesses the projected implications of climate change on the state's nineteen public wastewater treatment systems and recommends adaptive strategies.

[SafeWater RI: Ensuring Safe Water for Rhode Island's Future](#). Assesses the impacts of climate change on RI's drinking water utilities and identifies specific management strategies for utilities and state and local governments.



ADAPTATION GUIDANCE & TOOLS

[Planning for Natural Hazards & Climate Change](#) (The Rhode Island Comprehensive Planning Standards Guidance Handbook Series: Guidance Handbook #12). Provides guidance on incorporating natural hazards and climate change into municipal Comprehensive Plans.

[RI Shoreline Special Area Management Plan](#) (“Beach SAMP”). Provides data and information on what areas, resources or infrastructure may be impacted by erosion, flooding or sea level rise, tools and best practices to deal with shoreline change, and a policy framework to assist in evaluating and dealing with the risk posed by changing shorelines.

[STORMTOOLS](#). Interactive maps detailing statewide sea level rise and storm surge scenarios.

[Rapid Property Assessment and Coastal Exposure \(Rapid PACE\)](#). Tool for identifying coastal flooding risk and possible impacts on your property and community.

[Coastal Environmental Risk Index \(CERI\)](#). Assessment of the risk to structures, infrastructure, and public safety that coastal communities face from storm surge in the presence of changing climatic conditions, particularly sea level rise and coastal erosion.

[Shoreline Change Maps](#). Display erosion trends used to determine regulatory coastal setbacks.

[Sea Level Affecting Marsh Model \(SLAMM\) Maps](#). Display how coastal wetlands in RI’s 21 coastal communities will likely transition and migrate onto adjacent upland areas under projected sea level rise scenarios of 1, 3 and 5 feet in the coming decades.

[RI Floodplain Mapper](#). Provides approximate flood zone determinations relative to the flood hazard areas delineated on FEMA’s Flood Insurance Rate Maps (FIRMs).

[Flood Evacuation Maps](#). Show zones in RI’s 21 coastal communities that are recommended to be evacuated during potential worst-case Hurricane Surge Inundation.

FUNDING & INCENTIVE PROGRAMS

[Community Rating System \(CRS\)](#). Outlines the program that recognizes a community’s efforts that exceed the NFIP minimum requirements for floodplain management. Participating communities earn discounts on flood insurance premiums.

PREP-RI

ADAPTATION



[Rhode Island Emergency Management Agency \(RIEMA\) Hazard Mitigation](#). Provides information on the three Hazard Mitigation Assistance (HMA) grant programs: 1) Flood Mitigation Assistance, 2) Pre-Disaster Mitigation, 3) Hazard Mitigation Grant Program

[Community Development Block Grants: Disaster Recovery](#). Provides information on RI's Office of Housing and Community Development's disaster recovery grants and eligible activities.