

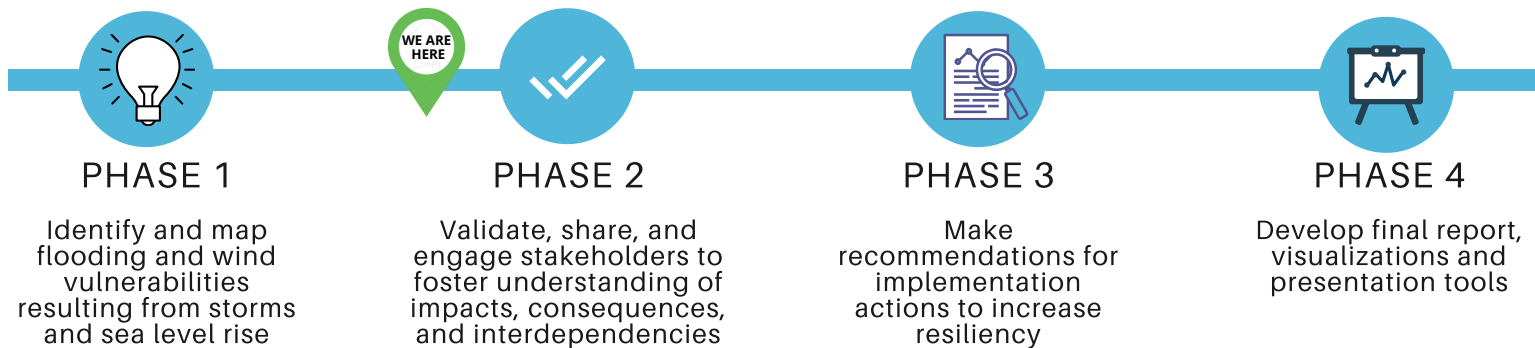
A HAZARD RESILIENT FUTURE FOR NAVAL STATION NEWPORT

A MILITARY INSTALLATION RESILIENCE REVIEW FOR SHORT-TERM PREPAREDNESS AND LONG-TERM PLANNING



PROJECT OVERVIEW

This Military Installation Resilience Review (MIRR), funded by the U.S. Department of Defense Office of Local Defense Community Cooperation, will enhance military readiness and defense capabilities of Naval Station (NAVSTA) Newport and support the economic development of the Aquidneck Island community. State-of-the-art hydrodynamic storm models will illuminate threats, impacts, and consequences of storm events and sea level rise affecting NAVSTA Newport and its inter-dependencies within three host municipalities. The approach developed through this innovative 18-month project will be transferrable to other U.S. military installations. This effort aligns with recent directives from the U.S. Department of Defense that prioritizes national security in the face of climate change and with the National Defense Strategy.



Recent Milestones

- Steering and technical committee members (including representatives from NAVSTA Newport, Naval War College, Naval Undersea Warfare Center, the three municipalities, and state agencies) initiate identification of assets and guide the direction of the project.
- Data Call and a Data Retention/Sharing Protocol drafted and prepared for steering committee approval.
- Scenarios reflecting one, three, and five feet of sea level rise and two plausible high-impact storms selected for analysis and modeling via 3-D visualizations of focus areas.

Up Next

- Conduct initial site visits and begin collecting data.
- Conduct background research and draft an introduction and chapters 1-3 of the final report.
- Design a decision-maker gaming workshop for fall 2021.



THE UNIVERSITY OF RHODE ISLAND

