



Resilient Islands is a four-year initiative to help Caribbean islands cope with the impacts of climate change by promoting the use of ecosystem-based strategies to reduce risks. The project aims to achieve resilient islands with strong, empowered communities and governments that significantly increase national and local investments in the protection of key ecosystems to meet adaptation, risk reduction and development goals.

In Jamaica, the project will increase capacity to reduce climate risks by influencing a shift in behavior, policies and investment strategies to include the protection of natural infrastructure as integral to Jamaica's long-term economic and social development.

Implement Vulnerability Assessments (2018-2019)



The project will use the Vulnerability Capacity Assessment (VCA) and Strategic Targeting Methodology (STM) to identify vulnerable communities and help them:

- Understand the hazards they face
- Select nature-based actions to reduce their risks
- Develop community action plans

Develop Ecosystem-Based Adaptation (EbA) Toolkit (2018-2019)



The project will develop a toolkit to promote better decision-making around disaster risk management and climate adaptation by identifying priority areas for locally-tailored ecosystem- and community-based interventions. Tools include:

- Checklist and Practical Guide for integrating EbA into vulnerability assessments, national policies and investments;
- Interactive mapping website and mobile app to help prioritize habitats for restoration by visualizing socio-economic, ecological, and hazard data alongside models of physical protection provided by key ecosystems (e.g. users can calculate the protective benefits that reefs and mangroves provide to people and infrastructure under possible flood and scenarios.)

Identify Nature-Based Demonstration Projects (2020-2021)



Pilot projects at select sites will demonstrate how key natural resources, such as reefs and wetlands, are critical to meet development needs by providing sustainable food sources, economic development and physical protection from flooding and erosion.

VULNERABILITY PROFILE

- Jamaica is predicted to experience increases in extreme weather, such as flooding, rain, drought and hurricane intensity
- Most of Jamaica's infrastructure is on the coast, 25% of the population lives in coastal areas and 90% of Jamaica's GDP is produced within its coastal zone
- Jamaica's agriculture sector is sensitive to changes in precipitation, higher temperatures, and extreme weather
- Over 5,000 kilometers of Jamaica's roads could be susceptible to climate change

<https://www.climatelinks.org>

coastalresilience.org/project/resilient-islands

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