



Resilient Islands is an initiative helping Caribbean islands adapt to climate change by prioritizing the benefits of natural ecosystems to reduce communities' vulnerability and enhance their resilience. The project aims to empower communities with the tools and knowledge to be better prepared for the impacts of climate change and to secure their sources of livelihood.

In Grenada, Resilient Islands is geographically focused on the Grenville Bay Area. By working here, Resilient Islands is building on the progress of previous initiatives to promote community resilience, such as The Nature Conservancy's At the Water's Edge.

Climate-Smart Fisher Facility in Soubise



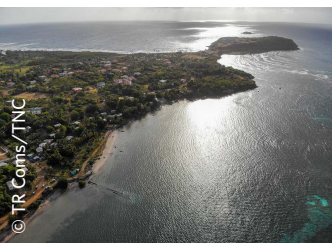
As part of a successful adaptation strategy, communities strive to secure their sources of livelihoods. In coordination with local fishers, Resilient Islands is planning and designing an eco-friendly facility for the Soubise community. Benefits will include protected fair-weather storage for boats and equipment, increased coastal vegetation for enhanced near-shore habitat, reduced erosion and filtered runoff, and improved areas for community gatherings.

Environmental Awareness



Environmental awareness activities will engage schools, churches, local businesses and community organizations, increasing community members' knowledge about the importance of protecting natural coastal ecosystems like coral reefs and mangroves. Through events such as Reef Week, Resilient Islands has engaged more than 1,000 people in educational and community-building activities centered around environmental conservation.

Water Quality Remediation



This initiative will support conservation efforts in the Grenville Bay Area, while working to improve the quality of runoff water from the surrounding watersheds entering the Bay. A community-based water quality improvement plan will be developed with specific actions being implemented.

VULNERABILITY PROFILE

A 2012 Vulnerability Capacity Assessment revealed that the Grenville Bay is comprised of some of Grenada's most vulnerable communities affected by the impacts of climate change.

- Low-lying coastal communities where many livelihoods depend on marine resources
- Severe beach erosion at nearly 2 feet per year
- High risk of flooding, sea level rise and storm surge
- Inadequate drainage and storm water infrastructure
- Limited community resources to respond to disasters

OTHER INITIATIVES

The Nature Conservancy's At the Water's Edge:

- Mangrove restoration
- Reef engineering: innovative hybrid submerged breakwaters that reduce wave energy while promoting coral reef regeneration.

For more information, visit: coastalresilience.org/resilient-islands

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