

PROJECT: BRC

BUILDING RESILIENT COMMUNITIES

Will your community be able to withstand the effects of climate change especially rising sea levels?







Photos showing the predictive sea level rise over the next 30 years in a coastal community





Macro - Level

Develop Vulnerability Index

- Demographic and Socio-Economic Data
- Infrastructure Data
- Vulnerability Factors (what makes something vulnerable)

Identify Vulnerable Coastal Communities

- Trinidad
- What Coastal communities fall within the most vulnerable category

Conduct Field Exercises

- GIS Mapping vulnerable infrastructure mapping)
- Local Training (building capacity)in Disaster Risk Reduction

Modelling and Application Development

- Build 3-D Models (selective)
- Analytic Dashboards (monitoring resilience building) • Web-Map for stakeholder access
- Mapping Tool (Survey 123)

Data Analysis

- Identify vulnerable infrastructure Recommend resilience building activities
- PASSA+ Report and Action Plan
- Analytic Monitoring Dashboard extended for 5 years

Expected results:-

- Map and create an action Plan for 10 coastal communities with dashboard and innovative mapping
- Training 600 persons in disaster reduction awareness and preparation
- Provide updated GIS data to influence decision making at community and policy levels and to also use the data to evaluate such community activities
- Implement and work with key stakeholders to monitor the implementation of the mitigating projects.













