





Assessing climate change vulnerability in Sandy Point’s fisheries using value chain analysis

The Caribbean Natural Resources Institute (CANARI) and the Department of Marine Resources (DMR) in Saint Kitts and Nevis engaged fisherfolk and their organisations in Sandy Point in value chain analysis to systematically assess how climate change impacts on fisheries-related enterprises, from harvesting to processing to marketing and sales, and identify actions to reduce these impacts and add value to their fish products. This was conducted in 2020 under the *Climate Change Adaptation in the Eastern Caribbean Fisheries Sector Project (CC4FISH)*. The reef-trap fishery (e.g. snapper, doctor fish, hein fish) was the focus of the value chain analysis in Sandy Point.


Key climate impacts on the fisheries value chain in Sandy Point




Hurricanes, storms and storm surges
affect safety at sea, reduce fishing days and damage fishing boats/gear and infrastructure




Coastal erosion and flooding damage infrastructure and increase sedimentation of coral reef and seagrass ecosystems



Sargassum influx causes damage to boats and gear while fishers are at sea



Changes in ocean conditions e.g. stronger ocean currents and warmer waters reduce catch and degrade coral reefs



Other challenges

Lack of dedicated storage and processing facilities | Limited equipment (e.g. slicers, smoker) and training to create value added fish products | Limited access to affordable financing | Inactive fishing co-operative | Inability to meet the local demand for fish | sand mining at Belle Tette bay has damaged fishing grounds

Priorities for adaptation and enhancing fisheries value chains

- provide training opportunities for fishers and other interested community members in smoking, salting and filleting to add value, and in small business development to better manage their operations;
- restore and properly outfit the co-operative building, and construct a boat ramp and jetty to better support fishing activities; and
- re-establish the fishing cooperative to effectively represent fisherfolk and advocate for benefits e.g. access to insurance, low interest loans and more affordable equipment/gear.

Reef-trap fishery value chain, Sandy Point

