

Molinière-Beauséjour MPA

A SPAW listed protected area



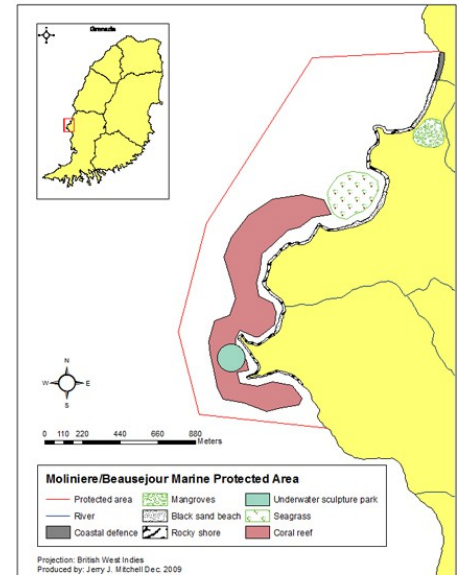
Country: Grenada

Management structure / authority: The Fisheries Division

Date of establishment: 28 December 2001

Date of listing under SPAW: 09 December 2014

Size (Marine Surface): 60 hectares



Context:

The Molinière Reef was identified as a priority for the establishment of a “protected seascape” as the site was considered to hold the finest reefs in Grenada. The site was given priority for the protection of representative samples of Grenada ecosystems, namely large areas of coral reef, littoral woodland, and cactus scrub, and medium to small area of seagrass bed. The MPA also includes some of the best reefs on Grenada that are home to a wide diversity of life forms.

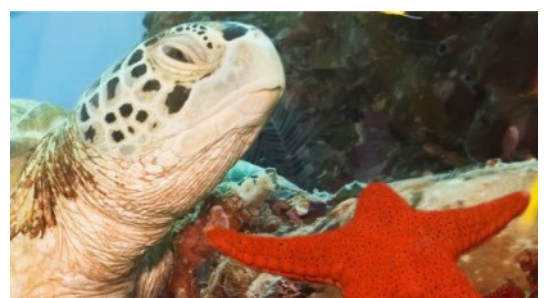
The management objectives for the protection of the areas are to protect and maintain the Molinière Bay ecosystem and its outstanding natural features and to provide opportunities for recreation, interpretation, research, environmental education and protection of over-exploited fish, lobster, and coral.

Main fauna populations and/or those of particular importance present (resident or migratory) in the area:

Surveys allowed the identification of a total of 124 fish species belonging to 44 families, 28 coral species belonging to 10 families and 15 sponge species belonging to 9 families.

The 15 30-m transects also allowed the assessment of species and family abundance in each site for 47 fish species belonging to 16 families.

Three species of turtles are also present in the water of the MPA: the leatherback turtle, the green turtle, and the hawksbill turtle.



Main ecosystems in the area:

As main ecosystems in Molinière-Beauséjour MPA, there coral reefs, seagrass beds and mangrove.

Potential Threats:

Selective fishing, Pollution (runoff waters from river watersheds; by the dump leachate through stream; from ship borne effluents; from solid waste; oil pollution), climate change, natural hazards, spear fishing, anchoring in inappropriate locations, careless diving practices, habitat degradation, overfishing, poaching, harassment, egg collection, beach seine nets, invasive exotic species, erosion, Solid waste, and sand mining.

MANAGEMENT PLAN

Legislation and management

- Provide an enabling and coherent institutional and legislative / regulatory framework for an efficient management of the MPA
- Governance

Research and Monitoring

- Preparation of a monitoring program
- Monitoring tasks included in the warden's duties
- Information storage
- Adaptive management
- Improve the effectiveness and efficiency of the Management PI

Public awareness, Education and Interpretation

- Develop local communities' ownership of the MPA
- Promote responsible behavior of resource users

Halt degradation of habitats and resources

- Promote social harmony
- Access
- Pollution
- Users conflicts
- Enforcement of applicable legislation / regulation regarding illegal practices

Ensure adequate and sustainable resources

- Sustainable financing mechanism
- Operational management
- Human resources
- Logistics

Communication

- Information (Raise awareness of local communities, Advocate in favor of MPA benefits, ...)
- Coordination (Enforcement, Ensure the liaison with other agencies and organizations, ...)

Contact:

Website: <https://cats.carpha.org/Ridge-to-Reef/Coastal-and-Marine/Moliniere-Beausejour>

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The Molinière-Beauséjour MPA is part of the **SPAW protected areas managers network**.

For more information about it: <https://www.car-spaw-rac.org/?Protected-Areas>