



# **The “Integrated Approach to Physical Adaptation and Community Resilience in Antigua and Barbuda’s Northwest McKinnon’s Watershed” Project**

ANTIGUA AND BARBUDA





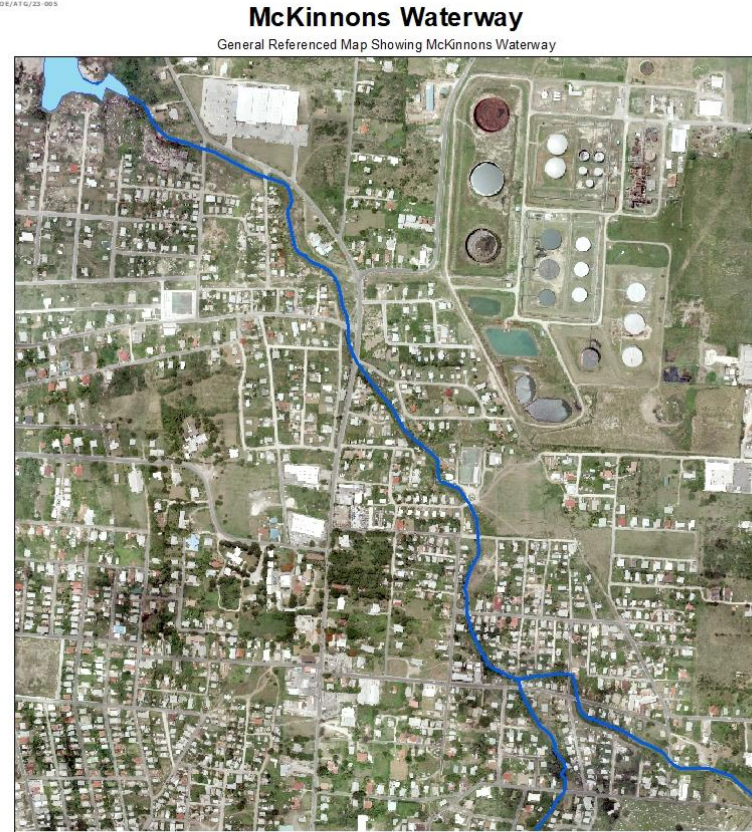
# Project Objective

To reduce vulnerability of the community, by increasing the ability of the watershed to handle extreme rainfall, while increasing the resilience of the built environment simultaneously. This integrated approach will ensure that the community as a whole will be able to withstand projected climate change impacts.

Component One: Upgrade urban drainage and waterways to meet projected climate change impacts.

Expected Outcome: Increased ecosystem resilience of the McKinnon's waterway in response to climate change, extreme rainfall events, and disease vectors.

#D02/AT16/23-005



**Legend**

- McKinnon's Salt Pond
- McKinnons Waterway

This map is for information purposes only and is not suitable for legal, engineering, or planning purposes.

Data is derived from the Environmental Information Management & Analysis System (EIMAS) vector data points collected in the field using GPS technology.

Base Map: OSM

Coordinate System: WGS 1984 UTM Zone 20N  
Projection: Transverse Mercator  
Datum: WGS 1984  
False Northing: 100,000,000  
False Easting: 500,000  
Central Meridian: -80.0000  
Scale Factor: 0.9998  
Latitude of Origin: 0.0000  
Units: Meter

Created by Morgan Halshead, 19 May 2023  
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# Challenges and Lessons Learned

## Main Project Challenges:

- Passage of Hurricane Irma (2017)
- Impact of COVID-19 on implementation

## Adaptive Actions:

- Climate impact considerations incorporated into project plans
- Implementation of measures to minimize procurement delays and COVID-19 induced delays
- Implementation of programmes and campaigns to support project activities



Woods Pond Baseline Image



Woods Pond Post-Intervention

The Sustainable Island Resource Framework  
(SIRF) FUND APPLICATION

**Cashew Hill, Yorks & McKinnons Area** are asked to  
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or business  
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events like  
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For more  
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REQUEST FOR EXPRESSION OF INTEREST

**Mosquito  
Trap Sales  
in shops in  
McKinnon's  
and  
Cashew Hill**

**Application Deadline:**  
Friday 13th January 2023

Please visit <https://environment.gov.ag/procurement-opportunities> for full application details

