

Integrated Water Resources Management (IWRM) Projects and Initiatives in the Caribbean

Title: Special Programme on Adaptation to Climate Change (SPACC)

Organisation: Caribbean Community Climate Change Centre (CCCCC)

Aims and Objectives:

The main objective of the project is to support efforts by Dominica, St. Lucia and St. Vincent and the Grenadines to implement specific (integrated) pilot adaptation measures addressing the impacts of climate change on the natural resource base of the region, focused on biodiversity and land degradation along coastal and near-coastal areas.

The objective of the project will be achieved through:

- The detailed design of pilot adaptation measures to reduce expected negative impacts of climate change on marine and terrestrial biodiversity and land degradation; and
- The implementation of pilot adaptation investments.

Duration: Start Year: 2007 Completion Year: 2011

Additional Comments:

Estimated Cost (USD): \$2,100,000

Funding Source: Global Environment Fund (GEF)

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Key Words: Climate Change; Adaptation; Pilot Projects; Natural Resources; Resilience

Geographic Coverage: St. Lucia; St. Vincent and the Grenadines; Dominica

Global Water Partnership-Caribbean IWRM Projects and Initiatives Database

Sectoral Focus: Biodiversity; Land Degradation; Coastal Management

Target Beneficiaries: Communities in pilot project areas; Policy Makers; Economic benefits for sectors including Tourism, Fisheries, Agriculture and Forestry

Outputs:

Example outputs from the programme include:

Dominica

- Developing Pilot Project for Climate Change Adaptation in Dominica: Report on the Technical Forum on Climate Change – Special Programme for Adaptation to Climate Change Project (SPACC).
- Assessment of Hydro- Meteorological Sensors to Support Dominica’s National Park Management
- Data Collection and Management and Strategy for the Commonwealth of Dominica
- Management Strategy for Adaptation to Climate Change Annex – the Morne Diablotin National Park and Marne Trois Pitons National Park World Heritage Site
- Design of Buffer Zones for the Morne Diablotin National Park and Marne Trois Pitons National Park
- Morne Diablotin National Park Improved Management Plan 2011-2016
- Morne Trois Piton National Park and World Heritage Site – Improved Management Plan
- Environmental Impact Assessment Milton Pilot Irrigation Project
- Milton Pilot Irrigation Project Design Report
- Feasibility Report for Milton Pilot Irrigation Project

St. Lucia

- Impact of Climate Change on Design Wind Speeds in St. Lucia
- Environmental Management Plan for the Construction of Rainwater Harvesting and Recycling Facility at the Coconut Bay Beach Resort and Spa in Vieux Fort St. Lucia
- Environmental Management Plan for the Civil Works to Retrofit the Manchard Community Centre in St. Lucia under the SPACC

St. Vincent and the Grenadines

- Implementation of adaptation measures to address the absence fresh water and coastal vulnerabilities in Bequia St. Vincent and the Grenadines
- Output statistics of the Photovoltaic system
- Environmental Impact Assessment of the Installation of a Photovoltaic solar powered salt water Reverse Osmosis Plant at Paget Farm Bequia

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Project Links and References:

<http://www.caribbeanclimate.bz/closed-projects/2007-2011-special-program-on-adaptation-to-climate-change-spacc.html>

Impacts:

Information not available

Sustainability:

Information not available

Lessons for the Future:

Information not available

Opportunities Arising from the Project:

Information not available

Further Comments:

Information not available