

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

Title: Caribbean Regional Strategic Programme for Climate Resilience (SPCR)

Organisation: Caribbean Community Climate Change Centre (CCCCC)

Aims and Objectives:

At the broadest level the Pilot Programme for Climate Resilience aims to demonstrate ways to integrate climate risk and resilience into core development planning while complementing other ongoing activities. The PPCR is executed globally through a number of regional and national programs and is intended to:

- Pilot and demonstrate approaches for integration of climate risk and resilience into development policies and planning;
- Support the strengthening of capacities at the national levels to integrate climate resilience into development planning;
- Scale up and leverage climate resilient investment, especially by building on other ongoing initiatives;
- Enable learning by doing and lesson sharing at the country, regional and global levels;
- Strengthen cooperation and capacity at the regional level to integrate climate resilience in national and appropriate regional development planning and processes.

The Caribbean Regional Strategic Programme for Climate Resilience (SPCR) has been developed on this basis with the following component objectives:

1. Improving Geospatial Data and Management for Adaptation Planning , Sea Level Rise and Storm Surge Impact Analysis
2. Consolidating and Expanding the Regional Climate Monitoring Network and Global Platform Linkages
3. Downscaling and Expanding Climate Projection Models and High Resolution Maps Applied Adaptation Initiatives

Duration: Start Year: 2012 Completion Year: 2016

Additional Comments:

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Estimated Cost (USD): \$10,600,000

Funding Source: World Bank PPCR

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Key Words: Climate Change; Climate Resilience; Caribbean Region; Pilot and Demonstration Studies; Capacity Development

Geographic Coverage: The Caribbean PPCR is designed into a national track with pilots in each participating country, and a regional track. Those countries are Jamaica; Haiti; St. Lucia; St. Vincent and the Grenadines; Dominica; and Grenada.

Sectoral Focus: Agriculture; Water, Health; Forest/Ecosystems; Integrated Coastal Zone/Coastal Area Management; and Land Use Planning

Target Beneficiaries: Policymakers; Planners; General Public

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Outputs:

The expected outputs under each of the four component are as follows:

Component 1: Improving Geospatial Data and Management for Adaptation Planning, Sea Level Rise and Storm Surge Impact Analysis

1. Improvement of the quality of geospatial data at regional and national level for climate relevant analysis
2. Improvement of the practice of data management, including data storage, accessibility, and sharing with special focus on geospatial data
3. Improvement of the understanding of hydro-meteorological hazards and risk as a result of more reliable and accurate data
4. Improvement of the capacity at national and regional institutions for using data and assessments for decision-making, development planning, formulation of adaptation, and disaster risk reduction

Component 2: Consolidating and Expanding the Regional Climate Monitoring Network and Global Platform Linkages

1. Enhancement of regional climate data collection networks and near real-time transmission of data between (i) national and sub-national networks and national data collection and processing entities, (ii) national data collection and processing and regional data collection, quality control and quality assurance centres, and product development centres and (iii) regional/national centres and international data collection and product producing centres
2. Development of risk based approaches for the identification, development and delivery of key climate products and services to support socio-economic development in the Caribbean
3. Strengthening of national and regional climate centres to support regional and national climate monitoring and development of focused climate products for community, national and regional socio-economic sectors
4. Establishment of alternative data backup mechanisms and security policies for national and regional climate data

Component 3: Downscaling and Expanding Climate Projection Models and High Resolution Maps

1. Fully utilize data already available as output from the PRECIS32 model to enhance regional climate modelling in the Caribbean
2. Increase the number of climate variables analysed and the range of analyses performed including the examination of extreme events and hurricanes

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3. Formulate a mechanism or strategy for incorporating Objective 1 and 2 results in sector models, especially for PPCR pilot country priority areas such as agriculture, water, health, forest, fisheries, as well as integrated coastal zone management and land use planning

Component 4: Applied Adaptation Initiatives

1. Enabling adaptation through the articulation of climate change impacts on priority sectors, such as agriculture, marine resources, water and health
2. Support for the development and advocacy for national adoption of climate change adaptation policy and legislation applicable to priority sectors, such as agriculture, water, health and marine resources, for select participating countries

Project	Links	and	References:
	https://www.climateinvestmentfunds.org/cifnet/?q=country/caribbean-region http://www.climateinvestmentfunds.org/cif/sites/climateinvestmentfunds.org/files/Caribbean_Regional_Track_SPCR_CIF_Endorsed_Final.pdf		

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