

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

Title: Caribbean Hydrological Cycle Observation System (CARIB-HYCOS)

Organisation: French Research Institute for Development [Institute de recherche pour le développement (IRD)] and the World Meteorological Organisation (WMO) Secretariat

Aims and Objectives:

The Caribbean Hydrological Cycle Observing System (CARIB-HYCOS) is a regional project funded by the European Union's INTERREG Programme as well as the General and Regional Councils of Martinique. It is developed under the framework of the World Meteorological Organization's (WMO) World Hydrological Cycle Observing System (WHYCOS) Programme, whose objective is to provide a scientific basis for water resources assessment and the integrated development and management of these resources between sectors and countries.

The CARIB-HYCOS project will help develop the technical skills of the National Hydrological Services of 11 Caribbean islands-states (Antigua and Barbuda; Barbados; Cuba; Dominica; The Dominican Republic; Guadeloupe; Haiti; Jamaica; Martinique; St. Lucia; and Trinidad and Tobago) regarding the collection, maintenance, analysis and application of reliable and high-quality water resources data, in order to promote a more sustainable development and management of freshwater resources. It will help increase multi-sectoral exchanges of information and experiences by fostering regional cooperation and by making available a regional water resource database.

Duration: Start Year: 2008 Completion Year: 2011

Additional Comments: The project was handed over to a regional institution in 2012 to continue the project activities. It is unclear which regional institution and what has happened to the project.

Estimated Cost (USD): \$2,300,000

Global Water Partnership-Caribbean IWRM Projects and Initiatives Database

Funding Source: Regional and General Councils of Martinique and by the European Funds of FEDER (Fonds Européen de Développement Régional). The external contribution is 840,000 Euro (41%), that of L'Institut de recherche pour le développement (IRD) is 800,000 Euros (38%), and that of the Member States is 451,000 Euros, approximately 21% of the total.

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Key Words: Meteorology; Hydrology; Water Resources; Disaster; Monitoring

Geographic Coverage: 11 Caribbean islands-states (Antigua and Barbuda; Barbados; Cuba; Dominica; The Dominican Republic; Guadeloupe; Haiti; Jamaica; Martinique; St. Lucia and Trinidad and Tobago)

Sectoral Focus: Water, Agriculture; Climate Services; Tourism; Disaster Management.

Target Beneficiaries: Water Management Bodies; Government and Private Sector Organisations; Meteorological Services of the Nations; NGOs

Outputs:

- Inception phase / detailed programme of activities
- Component 1 : upgrading hydrological network
- Component 2: implementation of hydrological information system
- Component 3: development of hydrological products of common interest
- Component 4: other training sessions

Project Links and References:

http://www.caraibes-hycos.org/IMG/pdf/Project_Document_2009.pdf

<http://www.caraibes-hycos.org>

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:

Project was handed over in 2012.

http://www.caraibes-hycos.org/IMG/pdf/Draft_report_4th_technical_meeting.pdf

Technical meeting noted:

On November 30, 2012, IRD's involvement in the Carib-HYCOS project officially came to an end. Jean-Pierre Bricquet and Jean-François Boyer, from HSM Montpellier, explained that six Caribbean regional organizations (the Caribbean Meteorological Organization (CMO) in Trinidad, the Caribbean Institute for Meteorology and Hydrology (CIMH) in Barbados, the Institute of Meteorology (INSMET in Spanish) and the National Institute of Hydrological Resources (INRH in Spanish) of Cuba, the Centre for the Sustainable Management of Water Resources in the Caribbean Island States (CEHICA in Spanish) in the Dominican Republic, and the Water Office (ODE in French) in Martinique) were approached to become possible candidates for the takeover of the project. Three organizations out of six responded positively (INSMET, INRH and CEHICA). An independent expert, Ms. Manon Rabanit, was contracted by IRD to evaluate each one of these three organizations, based on a series of criteria defined by the PRC. The expert travelled to these two countries (Cuba and The Dominican Republic) between mid-June and early July 2012 after which a final evaluation was submitted in early September 2012 to then be reviewed by the Steering Committee and a decision made in November 2012 as to which institution will take over the project.