

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

Title: Rainwater Harvesting in the Caribbean

Organisation: Caribbean Public Health Agency (CARPHA)

Aims and Objectives:

The Caribbean Environmental Health Institute (CEHI) is the executing agency for the Caribbean component for a United Nations Environment Programme (UNEP)-funded global initiative on the promotion of the practice of Rainwater Harvesting (RWH). The tri-island State of mainland Grenada and its sister islands of Carriacou and Petit Martinique were chosen as a pilot for this initiative given their recent experience with the destruction brought on by Hurricanes Ivan and Emily in 2004 and 2005 respectively.

A National RWH Programme was developed for Grenada, which emerged out of a national assessment of key public and private sector stakeholder institutions and select communities, followed by national workshops held in mainland Grenada and Carriacou.

The Grenada National Programme provided the basis for development of a Regional Programme to replicate the national actions proposed for Grenada as well as actions best implemented at the regional level to facilitate coordination and harmonization of approaches across the region.

Duration: Start Year: 2006 Completion Year: 2010

Additional Comments:

Estimated Cost (USD): \$1,844,000 (Based on <http://www.cehi.org.lc/Rain/print/ProgrammePromote-RWH-inthe-Caribbean-Region.pdf>)

Funding Source: United Nations Environment Programme (UNEP)

Contact Information: Dr. Christopher Cox, Programme Manager/Technical Coordinator, Caribbean Public Health Agency (CARPHA), St Lucia; **Telephone:** (758) 452 2501 ext 230; **Email Address:** **Web Address:** <http://www.cehi.org.lc/>; <http://carpha.org/>

Key Words: Rainwater Harvesting; Water Supply; Caribbean; Water Resources; Best Practice

Geographic Coverage:

Phase I of the project was focused on Grenada which was used as a model to see how after natural disasters, rainwater harvesting with appropriate sanitation could be used to augment water supplies. The project included a strong component of capacity building in needs assessment, technical and socio-economic aspects of rainwater harvesting and sanitation. The second Phase involved development of the Caribbean Handbook for Rainwater Harvesting based on studies done in Antigua and Barbuda.

Sectoral Focus: Domestic Water Supply; Agriculture; Health

Target Beneficiaries: Water Supply Planners; Agricultural Extension Officers; Municipal Authorities; Household Owners; Contractors; Farmers

Outputs:

- Brochures, a best practice handbook, fact sheets, posters, presentation and reports
- Seminars, workshops and training events
- Demonstration projects
- Online Rainwater Harvesting Toolbox (with GWP-C)
<http://www.cehi.org.lc/Rain/Rainwater%20Harvesting%20Toolbox/>
- Resources can also be accessed at the link <http://www.cehi.org.lc/Rain/>

Project Links and References:

<http://www.cehi.org.lc/Rain/>

Impacts:

Information not available

Sustainability:

Information not available

Lessons for the Future:

Information not available



Global Water Partnership-Caribbean IWRM Projects and Initiatives Database

Opportunities Arising from the Project:

Information not available

Further Comments:

Information not available