



CARIWIN:

Caribbean Water Initiative

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Outline



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Background/Project Rationale



In the Caribbean, natural and man-made issues arise that challenge prosperity in the region, such as hydrologic extremes (droughts and floods), and pollution

- ❑ Grenada
- ❑ Guyana
- ❑ Jamaica

Background/ Project Rationale



- Water resources management is integral to sustainable as well as economic growth
 - ...but in order to achieve this, there is a need for a holistic instead of a sectoral approach to water management.

Background/Rationale



- A holistic approach means considering:
 - ❑ Integration and coordination between participating institutions
 - ❑ Addressing all supply and demand aspects of water use
 - ❑ The social aspects of water management (gender equality, participatory decision-making, etc.)
 - ❑ Community input
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What is CARIWIN?



- Collaborative project, designed jointly by:
 - Brace Centre for Water Resources Management (BCWRM) of McGill University
 - Caribbean Institute for Meteorology and Hydrology (CIMH)
 - Partner governments (Grenada, Guyana, and Jamaica)
 - Funded by the Canadian International Development Agency (CIDA)
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What is CARIWIN?



- Six year project, launched in February 2006



Inauguration of the CARIWIN project at the Accra hotel, Barbados. Signing by Dr. Chandra Madramootoo (BCWRM) and Dr. David Farrell (CIMH), witnessed by Kathryn Dunlop from CIDA

Other Partners of CARIWIN



■ Caribbean Organizations

- ❑ University of West Indies (Center for Gender Studies) – UWI
- ❑ Organization of Eastern Caribbean States – OECS
- ❑ Caribbean Environmental and Health Institute - CEHI
- ❑ The Caribbean Association for Feminist Research and Action – CAFRA

■ International Organizations

- ❑ Food and Agriculture Organization - FAO
 - ❑ Global Water Partnership - GWP
 - ❑ Gender and Water Alliance - GWA
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What is CARIWIN – Overall goal



- CARIWIN’s goal is to increase the capacity of Caribbean countries to deliver sustainable and equitable Integrated Water Resources Management (IWRM)
 - The Global Water Partnership defines IWRM as “a process that promotes the coordinated management of water, land, and related resources, in order to maximize equitable economic and social development without compromising the sustainability of vital ecosystems”.
 - Some characteristics of IWRM
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What is CARIWIN – Overall goal



- Aims to strengthen CIMH
 - CARIWIN will be implemented through CIMH by piloting capacity-building initiatives in IWRM in Grenada, Guyana, and Jamaica
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Project Objectives



- **OUTCOME #1: Emergence of CIMH as a strengthened regional training institution and centre of excellence in equitable and sustainable IWRM**
 - 1a. Percent and number (M/F) of trainees at CIMH before/after project.
 - 1b. Level of satisfaction among CIMH member states for services and resources.

Project Objectives



- **OUTCOME #2: CIMH national outreach program provides water specialists and decision-makers with tools for developing IWRM policies in Grenada, Guyana, and Jamaica (by Year 6)**
 - 2a. Number of DC's benefiting from outreach
 - 2b. Number of CIMH faculty (M/F) providing outreach services in IWRM.

Project Objectives



- **OUTCOME #3: Partnerships between CIMH, national agencies, local government and community water-users associations to develop three Community Water Strategies (CWS) based on IWRM principles, formed in three countries (by Year 4)**
 - 3a. Number of countries where pilot partnerships have been established
 - 3b. Number of CWS developed.
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Project Objectives: Examples of Outputs and their Indicators



OUTPUTS	OUTPUT INDICATORS
<p>One new nine-month IWRM certificate program to be offered by CIMH developed by Year 1.</p>	<p>Approval for certificate program by CIMH Board of Directors. Start date of courses offered.</p>
<p>Upgraded information systems (six Software packages) and library resources (60 new books) for IWRM learning at CIMH by Year 6.</p>	<p>Number of new software packages and Number of new books. Staff feedback on upgrades.</p>
<p>Twelve (8 M / 4 F) specialists and six (5 M/ 1 F) decision-makers from three DC's trained in IWRM by CIMH in collaboration with Canadian partners in Each Year 1 and Year 2.</p>	<p>Number of specialists (M/F) trained. Number of decision-makers (M/F) trained.</p>

Example: Upgraded information systems and library resources



Project Activities : Training Activities



- So far:
 - IWRM Workshop for sr. administrators, decision makers, and financial officers (May-June, CIMH)
 - Principles of IWRM for sr. technical people, jr. engineers, and others (September, CIMH)
 - Practical Training (Technical) for technicians in Guyana (October, Guyana [field])



Training Activities: Barbados

Training Activities: Guyana



Project Activities: CWSs and Pilot Communities



- Community Water Strategies (CWSs)
 - Pilot Communities
 - Grenada:
 - Calivigny, is located in the south of the island of Grenada
 - Guyana:
 - Amerindian Mission in St. Cuthbert's, along the Mahaica River
 - Jamaica:
 - Mile Gully and Warwick Castle
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Project Activities: Caribbean Water and Gender Network (CARIWAND)



- Participation of the national women's affairs departments in each partner country as well as various NGOs
 - Partnering and networking initiatives to encourage and support the establishment of CARIWAND
 - Aim of CARIWAND
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For More Information



- Visit the project website at www.mcgill.ca/cariwin
OR...
 - Contact us:
 - Contact information of Canadian Project Director:
 - Dr. Chandra Madramootoo, Director BCWRM, McGill University, 21,111 Lakeshore Rd, Ste. Anne de Bellevue, QC H9X 3V9 chandra.madramootoo@mcgill.ca
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Thank you!

Any questions?