

Integrated Watershed and Coastal Areas Management Activities under the CEHI Programmes

**CARIWIN LAUNCH CEREMONY
AND
CARIWIN FIRST INTERNATIONAL SYMPOSIUM**

February 6th

Accra Beach Hotel, Barbados

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CEHI mandate



- CEHI was established by the Governments of the Caribbean Community (CARICOM) in the late 1980's to respond to the Environmental Health and Management concerns of its Member States. Through CARICOM Protocols it is an Institution of the Community
- 16 Member States including all OECS countries



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CEHI mandate

- **CEHI** established by CARICOM Governments in 1989
- Located in St. Lucia;
- CEHI work derived from the following mandates:
 - Agreement Establishing CEHI: Environmental Management focusing on Environmental Health;
 - Caribbean Cooperation in Health (CCH, transitioning to Phase II) - Lead Agency for EH priority: Water (water resources and WQ Management), Solid and Liquid Waste & Excreta Disposal and Workers' Health.
 - The Barbados SIDS/POA (1994) by Ministers of Environment for Water and Waste Management

CEHI mandate

Result Areas:



1. Integrated land, water and coastal areas management concepts & practices promoted at regional & national level
2. Concepts & practices of Cleaner Production and Energy Efficiency promoted in the region
3. Waste Management concepts & practices promoted at the regional & national levels
4. Proper (agro-)chemical management practices promoted in the region
5. EH Impacts of Disasters mitigated
6. Workers Health conditions in the Caribbean improved
7. Capacity & capability for EH Management improved
8. Capacity & capability for delivering EH analytical services improved
9. Linkages between EH and economic activities promoted among policy & decision makers

CEHI capacities

- CEHI currently has a staff complement of 17 persons of which 9 are senior professionals as well as laboratory technicians and para-professionals
- Technical expertise includes Sanitary/Environmental Engineering; Environmental Management; Information Management & EH Research; Laboratory Analyses; Public Awareness, Education & Communications; Project Development & Management; Resource Mobilisation
- Associates and interns – additional technical support (e.g Princeton, Nova Scotia, Germany, CERMES-UWI)



CEHI capacities

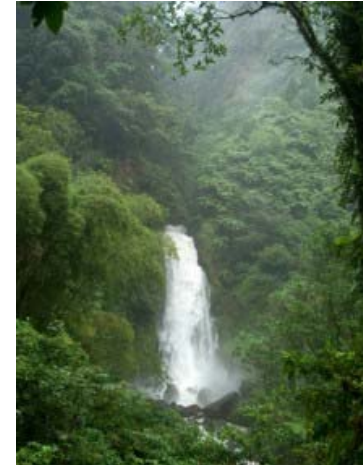
- Accredited laboratory facility (ISO 17025 - General requirements for the competence of testing and calibration laboratories)
- Training in water quality and quality assurance and quality control
- Technical assistance with lab development in Caribbean states



IWCAM / IWRM Activity areas

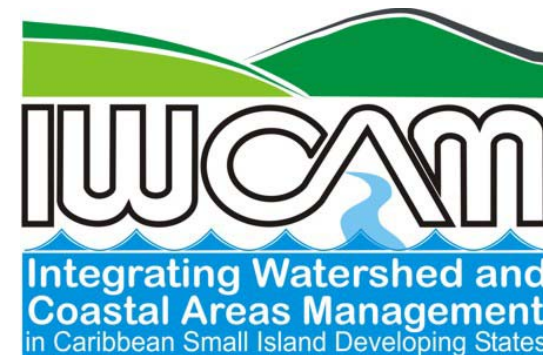
RESULT AREA: Integrated land, water and coastal areas management concepts & practices promoted at regional & national level

- Coordination of process development in integrated watershed and coastal areas management through demonstration
- Mainstreaming of sustainable land management within national development frameworks
- Promotion of water augmentation measures - rainwater harvesting



Integrating Management of Watershed and Coastal Area Management in Caribbean SIDS

- **Component 1:** Demonstration, Capture and Transfer of Best Practices;
- **Component 2:** Development of IWCAM Process, Stress Reduction and Environmental Status Indicators Framework;
- **Component 3:** Policy, Legislative and Institutional Reform for IWCAM;
- **Component 4:** Regional & National Capacity Building & Sustainability for IWCAM;
- **Component 5:** Project Management and Coordination



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IWRM Planning in Caribbean

- Integrated Water Resource Management Planning in Saint Vincent and the Grenadines and Grenada
- Piloting “Road-Map” activities toward elaboration of National IWRM
- SVG activity will be piloted in Union Island
- Main activities in strategy formulation: short-term research, consultancy, focus group meetings, technical inputs, national workshops, policy level workshop, validation and ratification



UNEP Collaborating Centre on Water and Environment

UCC-Water



Cap-Net



Global Water Partnership



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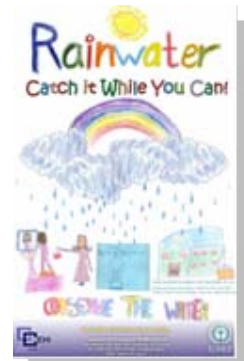
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Promoting Rainwater Harvesting in the Caribbean

- National RWH Programme for Grenada – pilot in context of water security issues post-Hurricane Ivan
- Regional RWH Programme
- Public awareness material (video, radio slots, posters, technical brochure)
- Water deficit mapping (using GIS tools)
- RWH handbook
- Seeking follow-stages in Pilot and other countries



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Water Safety Planning

- Technical support in promotion of development of WSPs and linkage to NPA's at community level in Jamaica and Guyana
- Indicative key activities
 - Training of EH Officers and agency stakeholders and communities in Water Quality Monitoring
 - Promotion of Water Safety and Hygiene Practices amongst Stakeholders including Community Leaders and Health Workers
 - WQ Monitoring for Metals and Pesticides
 - Conduct Training in WSPs at the Regional Level



(Guyana only)



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National Plans of Action (NPAs); LBS Protocol

- Partnership and technical support with the Regional Coordinating Unit of the Caribbean Environment Programme of UNEP (UNEP-CAR/RCU)
 - Cartagena Convention - Convention for the Protection and Development of the Marine Environment of the Wider Caribbean Region
 - Land-Based Sources (LBS) of Marine Pollution Protocol
- Global Programme of Action (GPA) for the Protection of the Marine Environment from Land-Based Activities
 - Development of National Action Plans (NPAs)



Mainstreaming and Capacity Building for Sustainable Land Management in LDCs and SIDS

- Enhance Individual, institutional capacities for SLM through improved institutional structures/functions, awareness raising
- Mainstream SLM principles into national development strategies
- Enhance technical support to improve project design, implementation and impact in support of SLM



Sustainable Land Management
— Portfolio Project for LDCs/SIDS —



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Preventing Land Degradation in the Caribbean (proposal stage)

- Build local and regional capacity to support SLM
- Develop pilot demonstration activities on SLM to address land degradation at community level
- Promote improvement of land management practices, institutional arrangements, policies and incentives
- Contribute to the harmonization of SLM priorities to combat desertification identified in NAPs and in NBSAPs



Thank You!

For more resources and
information see our website at
www.cehi.org.lc



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