

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

**Title:** Caribbean Climate Online Risk and Adaptation Tool for Water (CCORAL-Water)

**Organisation:** Global Water Partnership-Caribbean (GWP-C)

**Aims and Objectives:**

The CCORAL-Water initiative has developed tools aimed at enhancing the climate resilience of the Caribbean water sector by strengthening the CCORAL tool with a focus on the water sector, expanding its content and utility by compiling tools and developing knowledge products. The CCORAL-Water initiative was funded by the Climate and Development Knowledge Network (CDKN) and implemented as a partnership between Global Water Partnership-Caribbean (GWP-C) and the Caribbean Community Climate Change Centre (CCCCC).

**Duration:** Start Year: 2013 Completion Year: 2014

**Additional Comments:**

**Estimated Cost (USD):** \$456,000

**Funding Source:** Climate and Development Knowledge Network (CDKN)

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**Key Words:** Water Resources; Climate Change; Climate Resilience Development; Water Security

**Geographic Coverage:** Caribbean wide

**Sectoral Focus:** Primarily Water and Environment; Also Agriculture, Health, Tourism

**Target Beneficiaries:** Water Resources Agencies; Water Service Providers; Development Planners in water dependent sectors

**Outputs:**

A substantial publication providing tools and resources for climate resilience entitled “Achieving Development Resilient to Climate Change: A Sourcebook for the Caribbean Water Sector”. The Sourcebook is supported by four Information Briefs covering key topic areas for high level decision makers.

In addition the tools identified during the literature review phase have been collated for inclusion into the CCORAL Toolbox, increasing its functionality for water sector professionals.

**Project Links and References:**

The project outputs are available from the GWP-C website at <http://www.gwp.org/en/gwp-caribbean/> and will also be stored within the CCORAL system at <http://ccoral.caribbeanclimate.bz>

The Sourcebook is cited as: Global Water Partnership Caribbean (GWP-C) and Caribbean Community Climate Change Centre (CCCCC). 2014. Achieving Development Resilient to Climate Change: A Sourcebook for the Caribbean Water Sector. Global Water Partnership-Caribbean.

The Information Briefs are:

- Information Brief 1: Summary of the Sourcebook
- Information Brief 2: Using CCORAL to enhance resilience of water-related decision making
- Information Brief 3: Financing climate resilience in the water sector
- Information Brief 4: No and low regrets investment options for climate resilience

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### **Impacts:**

The CCORAL-Water project has recently been completed and long term impacts cannot therefore be assessed. The anticipated impact is broadly as follows: In the Caribbean, water resources management policies and practices accommodate climate risks and uncertainties to deliver improved social, economic and environmental performance.

This impact supports the overall regional aspiration for climate resilience as set out in the Strategic Framework for Achieving Development Resilient to Climate Change and its Implementation Plan. Endorsed by the Heads of Government, this Framework continues to provide a firm foundation for building climate resilience across the region.

### **Sustainability:**

Contributing factors:

- Project is part of a wide programme of activities (GWP-C Water, Climate and Development Programme WACDEP)
- Project undertaken jointly with CCCCC, a CARICOM organ, which provides a high level of political support

Limiting factors:

- Requires continued financial and political support for capacity development and identification of more grounded and practical interventions on the basis of the projects outputs.

**Lessons for the Future:**

The following lessons can be taken from this project:

- Importance of stakeholder consultation in developing products. The final sets of products were developed after extensive consultations and reviews with a wide range of water and climate stakeholders. In particular we had gotten good feedback in September 2013 at the first workshop and series a bilateral consultations carried out in December by the WACDEP manager and the HR Wallingford team. The latter series of consultations in particular gave us a good idea of What the stakeholders a) did not want b) were already working on thus we were able to avoid duplicated effort and wasted resources and allowed us to pitch the products to fill relevant gaps/niches. The consultations were also important to gain buy in and also give stakeholders who participated a sense of ownership having contributed to the product. Recommendation for future projects thus include heavy and sustained stakeholder consultations as provision of ongoing feedback to stakeholders. The feedback to stakeholders is also important so that they too can organise their work programmes to avoid duplication of effort.
- The importance of partnering with a CARICOM organisation (CCCCC) in terms of the political weight CCCCC is able to bring to the table. This has combined well with GWP-C's excellent stakeholder network and convening power as an apolitical organisation
- Timing of this project with organisational work programmes such as the Water, Climate and Development Programme (WACDEP) is crucial. Greater flexibility in project timing would have allowed closer alignment with WACDEP activities, however, this flexibility would come at the expense of guaranteeing deliverables at certain points and would add to the difficulty of work programming. So a balance needs to be struck between flexibility and fixed deliverables
- Partnering with CCCCC for this work has provided an opportunity to build institutional partnerships which will extend beyond the life of the project into future work activities such as the WACDEP programme

The outputs from this project will form the foundation for activities under the WACDEP programme. Developing knowledge products at the start of the WACDEP programme helps to steer the direction of the programme and inform its content

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### **Opportunities Arising from the Project:**

The following activities have been identified as high priorities building on the CCORAL-Water initiative:

1. Support for the development of a regional action plan on Water and Climate, building on the CCCCC IP focusing on investment options and roles of key water and climate agencies. Preliminary discussion with CCCCC suggests that it will be a welcome product
2. Support for the development of country specific investment plans, strategies and policies for water and climate
3. Support for countries to better access climate funds e.g. project proposal writing training or engagement of consultants to help countries better access funds
4. Support of the development of Caribbean water and climate knowledge products including training materials
5. Support for demonstration projects showcasing options for building climate resilience in the water sector

The aforementioned are all areas that GWP-C WACDEP is currently engaged in, however additional funding support to build and expand on existing work will be appreciated. For example the WACDEP is currently carrying out policy work in 4 Caribbean countries to increase the climate resilience aspects in water policies etc and additional support will allow us to expand the work to other countries.

### **Further Comments:**

Please ensure the Sourcebook and Information Briefs are clearly linked to the database so users can access them easily