

TC Abstract

I. Basic project data

• Country/Region :	BELIZE/CID - Isthmus & DR
• TC Name :	Capacity-building for Climate Vulnerability Reduction in Belize
• TC Number :	BL-T1098
• Team Leader/Members :	SUAREZ VAZQUEZ, GINES - Team Leader ELIAYALA - Creator SALABIE, DENISE ANN - Fiduciary Financial Management Specialist PRIMO, JOHN ALEXANDER CORBETT - Procurement Fiduciary Specialist LEMAU, MICHELE H. - Team Member AYALA, ELIZABETH - Operational Analyst HORI, TSUNEKI - Alternate Team Leader PERSAUD, CHRISTOPHER - Team Member MARINI, LUCA - ESG Primary Team Member BARINGO EZQUERRA, DAVID JORGE - ESG Team Member RESTREPO, LISA SOFIA - Project Assistant VALLE PORRUA, YOLANDA - Project Assistant BARRAGAN CRESPO, ENRIQUE IGNACIO - Attorney
• Indicate if : Operational Support, Client Support, or Research & Dissemination.	Operational Support
• If Operational Support TC, give number and name of Operation Supported by the TC:	Climate Vulnerability Reduction Program-BL-L1028 - Preparation
• Reference to Request :(IDB docs #)	
• Date of TC Abstract :	25 Apr 2017
• Beneficiary (countries or entities which are the recipient of the technical assistance):	Government of Belize
• Executing Agency and contact name (Organization or entity responsible for executing the TC Program) {if Bank: Contracting entity} { if the same as Beneficiary, please indicate}	US-IDB - Gines Suarez
• IDB Funding Requested :	\$ 800,000.00
• Local counterpart funding, if any :	\$ 0.00
• Disbursement period (which includes execution period):	36 months
• Required start date :	
• Types of consultants (firm or individual consultants):	Individuals Firms
• Prepared by Unit :	Rural Dev & Natural Disasters
• Unit of Disbursement Responsibility :	COUNTRY OFFICE BELIZE
• Included in Country Strategy (y/n): TC included in CPD (y/n):	Yes Yes
• Strategic Alignment:	Social inclusion and equality , Productivity and innovation , Climate change

II. Objective and Justification

The general objective of this TC is to support the reduction of climate vulnerability in sectors affected by Hurricane Earl and support improved governance for disaster risk reduction in Belize. The specific objectives are to prepare the implementation and monitoring tools and conduct the technical studies for the design of the Climate Vulnerability Reduction Program (BL-L1028)

Climate risk in Belize. Belize is one of the countries with higher climate risk, in terms of disaster losses as a proportion of GDP (Germanwatch, 2016). This high climate risk is mainly associated with tropical cyclones (hurricanes and tropical storms) that impact Belize through strong winds, storm surge, heavy rains, coastal erosion and flooding (WB, 2010). The concentration of population and infrastructure in coastal areas contributes to Belize's exposure to tropical cyclones (IPCC, 2007). Belize's vulnerability to climate risk was evidenced most recently by the passage of Earl; even it was a Category 1 but this hurricane affected the country's most productive sectors.

The impact of Hurricane Earl. As of February 2016, Belize is currently in a post-disaster recovery process resulting from the impact of Hurricane Earl in August 2016. Following the disaster, IDB provided grant funding to support a comprehensive assessment of the storm's effects and impacts conducted by ECLAC. According to this assessment, the total economic loss was US\$89.5 million. The most affected subsectors were agriculture, tourism and housing, each accounting for 46%, 16% and 13% of total economic loss. It is projected that this impact will reduce the expected GDP growth rate by 37%.

III. Description of activities and outputs

Component 1. Climate-resilience governance and institutional capacity building. The aim of this component is to provide technical support in improving the governance and institutional capacity for climate-hazard resilience development planning, especially for agriculture, housing, tourism and emergency response.

Component 2. Flood resilience infrastructure designs. Based on the inputs and experience from the previous component, this component will provide a more specific technical support to the country in implementing flood control works in Belize City.

Outcomes

Name:

Components

Name: Component 1. Capacity building to reduce climate vulnerability

Description: The aim of this component is to provide technical support in improving the governance and institutional capacity for climate-hazard resilience development planning, especially for agriculture, housing, tourism and emergency response

- Disaster Risk profile for the agriculture sector in priority watersheds
- Training program to increase capacities for climate change adaptation planning with a focus on water management
- Financial strategy for hazard-resilience development planning
- Improving the damage assessment capacities

Name: Component 2. Final designs for the flood control investments in Belize City

Description: Based on the inputs and experience from the previous component, this component will provide a more specific technical support to the country in implementing flood control works in Belize City

Activity 1: flood mitigation works final designs.

IV. Budget

Indicative Budget

Activity/Component	IDB/Fund Funding	Counterpart Funding	Total Funding
Component 1. Capacity building to reduce climate vulnerability	\$ 400,000.00	\$ 0.00	\$ 400,000.00
Component 2. Final designs for the flood control investments in Belize City	\$ 400,000.00	\$ 0.00	\$ 400,000.00

V. Executing agency and execution structure

The executing agency for the component 1 will be the Bank. The executing agency for the Component 2 will be the Ministry of Work that will implement the public works under the loan BL-L1028

Both executing agencies will be in accordance with the policies and procedures of the Bank, for the corresponding components. The Bank and The Ministry of Work and Transport will sign a technical cooperation agreement for components 2. To implement the project, The Bank will contract products and services for the Component 1 in accordance with a procurement plan. Ministry of Work and Transport will contract products and services for the Component 2 in accordance with a procurement plan. The executing agreements for the Component 2 will be consistent with the agreement signed between the Ministry of Work and Transport and the Bank.

VI. Project Risks and issues

There is a risk of a lack of technical capacity among the national and local level stakeholders as it relates to data collection for the technical studies. This risk is mitigated by the Bank execution, which will advise on specific terms of reference, contribute to technical monitoring and supervision and review reports for timely execution

VII. Environmental and Social Classification

The ESG classification for this operation is [B]