

TC Abstract

I. Basic project data

• Country/Region :	REGIONAL/CID - Isthmus & DR
• TC Name :	Climate Change and Sustainable Landscapes
• TC Number :	RG-T2928
• Team Leader/Members :	AMIN, AMAL LEE - Team Leader ARIOS - Creator ALMEIDA, JULIANA SALLES - Team Member GOMEZ SANDOVAL, JUAN CARLOS - Project Assistant MATTOS, JUAN DE DIOS - Team Member WATSON, GREGORY - Team Member WILSON, STEVEN RONE - Team Member DURANTE, JUAN JOSE - Team Member DE ARAUJO MENDES, THIAGO - Team Member FERRO CORNEJO, PAMELA - Team Member FRISARI, GIOVANNI LEO - Team Member VOGT-SCHILB, ADRIEN - Team Member GRUNWALDT, ALFRED HANS - Team Member BAZA NUNEZ, ESCARLATA - Attorney COLLINS, MICHAEL I. - Alternate Team Leader RIOS GALVEZ, ANA R. - Alternate Team Leader DOHERTY BIGARA RODRIGUEZ, JENNIFER - Team Member
• Indicate if : Operational Support, Client Support, or Research & Dissemination.	Research and Dissemination
• If Operational Support TC, give number and name of Operation Supported by the TC:	
• Reference to Request :(IDB docs #)	
• Date of TC Abstract :	05 Apr 2017
• Beneficiary (countries or entities which are the recipient of the technical assistance):	Latin American and Caribbean Countries
• 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 - Ana Rios
• IDB Funding Requested :	\$ 1,500,000.00
• Local counterpart funding, if any :	\$ 375,000.00
• Disbursement period (which includes execution period):	36 months
• Required start date :	
• Types of consultants (firm or individual consultants):	Individuals
• Prepared by Unit :	Climate Change
• Unit of Disbursement Responsibility :	Climate Change and Sustainable Development Sector
• Included in Country Strategy (y/n): TC included in CPD (y/n):	No No
• Strategic Alignment:	Addressing climate change, renewable energy, environmental sustainability and food security

II. Objective and Justification

The objective of this operation is to assist decision makers – from public and private sectors – in managing the challenges of climate change for the management, use and conservation of sustainable landscapes. Particularly, it will focus on strengthening capacity for planning and design of approaches that promote sustainable landscapes as well as support the development of technical inputs for future investment plans under NDCs in which LAC countries have highlighted the relevance of work in this area in terms of adaptation and mitigation.

Observed and anticipated climate change may exert additional pressures on the environmental conditions that enable agriculture, forestry, fisheries, cattle raising, water management, and other key activities in Latin American and the Caribbean (LAC). If such pressures are not properly addressed, they may ultimately result in significant economic and social impacts, as well as affect the availability and quality of natural resources. Some of the expected physical changes are: (i) increases in air and soil temperatures; (ii) changes in CO₂ concentrations in the atmosphere; (iii) sea level rise; (iv) changes in the hydrological cycle and in water quality and availability; (v) intensification and increase in frequency of extreme weather events, including droughts and floods; and (vi) changes in the altitudinal level of dew points, among others.

III. Description of activities and outputs

The main risks in the successful and timely execution of the project are the availability and quality of information as well as qualified consultants that might be able to perform the analysis and work required for the study. To address and minimize these risks, advances have been made in the identification of information sources and pool of candidates that might perform the required tasks.

Outcomes

Name: C1: (i) sector specific assessments completed (for either forestry, marine ecosystems, biodiversity, etc.); and (ii) sector specific methodologies for the effective management of resources.
C2: Assessment of in country opportunities to implement smart agriculture technologies and/or actions
C3: Studies to find creative opportunities to make value chains more sustainable
C4: Workshop to disseminate the findings of the studies/assessments

Components

Name: Mainstreaming climate resilient sustainable landscapes

Description: Aims to support the planning, design and/or implementation of approaches for the effective management, use and conservation of natural resources including forestry, fisheries, marine ecosystems, coral reefs, water, biodiversity and restoration of degraded lands among others. Includes client requests for capacity building and/or development of specific analysis, methodologies and/or tools.

Name: Climate smart agriculture

Description: Regional level as well as country driven requests focused on the analysis, design, implementation and/or evaluation of climate smart agriculture actions

Name: Sustainable landscapes for the private sector

Description: Design and/or implementation of climate change adaptation and mitigation actions, including assessing challenges to make supply chains more sustainable. Considers client driven requests and activities to facilitate the dialogue between private and public sectors

Name: Outreach and dissemination

Description: Activities to create awareness, present and validate findings, and promote dialogue between private and public actors. Includes workshops, conferences and events

IV. Budget

Indicative Budget

Activity/Component	IDB/Fund Funding	Counterpart Funding	Total Funding
Mainstreaming climate resilient sustainable landscapes	\$ 550,000.00	\$ 150,000.00	\$ 700,000.00
Climate smart agriculture	\$ 500,000.00	\$ 150,000.00	\$ 650,000.00
Sustainable landscapes for the private sector	\$ 300,000.00	\$ 50,000.00	\$ 350,000.00
Outreach and dissemination	\$ 150,000.00	\$ 25,000.00	\$ 175,000.00

V. Executing agency and execution structure

This operation will be executed by the IDB given the nature of the operation (research and dissemination). Letters of request are not a requisite for its approval. However, non objection letters will be requested prior to the start of the project's activities in subject countries particularly those related to components II and IV.

The Climate Change Division of the IDB will coordinate with other relevant departments and divisions within the Bank including public and private sectors and aim to create partnerships with key stakeholders including academia and governments. As an R&D technical cooperation, and taking into account that the operation's activities are intended to cover different countries in the region, it is considered to be more convenient for the IDB to act as the executing agency. Also, this will facilitate possible synergies and complementarities with other Bank operations/research (i.e. "Climate Change Vulnerability in the Agricultural Sector" ATN/OC-13838-RG).

VI. Project Risks and issues

The main risks in the successful and timely execution of the project are the availability and quality of information as well as qualified consultants that might be able to perform the analysis and work required for the study. To address and minimize these risks, advances have been made in the identification of information sources and pool of candidates that might perform the required tasks.

VII. Environmental and Social Classification

The ESG classification for this operation is [C]