

TC Abstract

I. Basic project data

• Country/Region:	HAITI/CDH - Country Department - Haiti
• TC Name:	Measuring and Monitoring Ecosystem Services in Protected Areas of the Southern Peninsula of Haiti
• TC Number:	HA-T1232
• Team Leader/Members:	JACQUET, BRUNO - Team Leader, ELAFONTANT – Creator, GACHOT, SEBASTIEN - Team Member, FERNANDAD – Creator, KONATE, TAKADY MAMADOU - Fiduciary Financial Management Specialist, DOHERTY BIGARA RODRIGUEZ, JENNIFER - Team Member, BEAUVOIR, RALPH LUCKENS - Team Member, ALBARET, GERAUD - Alternate Team Leader, LEMAY, MICHELE H. - Team Member, LORISTON, BERLITZ - Operational Analyst, CHAVEZ, ELIZABETH - Project Assistant, BANERJEE, ONIL - Team Member, ALIOUAT, TAOS C – Attorney, BORGA, JUAN - Procurement Fiduciary Specialist, TAHON, RENAUD - ESG Lead Specialist
• 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:	Sustainable Land Management of the Upper Watersheds of South Western Haiti-HA-X1002 - Execution Sustainable Management Upper Watersheds South Western Haiti-Macaya National Park-HA-G1023 - Execution Sustainable Coastal Tourism Program-HA-L1095 - Execution Natural Disaster Mitigation Program II-HA-L1097 - Execution Managing the Human-Biodiversity interface in the southern Marine Protected Areas of Haiti-HA-T1229 - Execution
• Reference to Request :(IDB docs #):	40782134
• Date of TC Abstract:	05 Apr 2017
• Beneficiary (countries or entities which are the recipient of the technical assistance):	Republic of Haiti
• Executing Agency and contact name (Organization or entity responsible for executing the TC Program):	US-IDB - Bruno Jacquet
• IDB Funding Requested:	\$250,000.00
• Local counterpart funding, if any:	\$0.00
• Disbursement period (which includes execution period):	24 months
• Required start date:	
• Types of consultants (firm or individual consultants):	Firms
• Prepared by Unit:	Country Department Haiti
• Unit of Disbursement Responsibility:	COUNTRY OFFICE HAITI
• Included in Country Strategy (y/n):	No
• TC included in CPD(y / n):	No
• Strategic Alignment:	Climate change and environmental sustainability, Institutional capacity and rule of law

II. Objective and Justification

- 2.1 The general objective is to provide up-to-date methodology, data and tools to assess and manage ecosystem services in Protected Areas (PAs) of the Southern Peninsula, to improve land planning and decision-taking processes regarding natural resources management.

- 2.2 In 2011, a study identified 31 key biodiversity areas (KBA) in Haiti. As defined by the International Nature Conservancy Union (UICN), the objective of developing KBA is to prioritize terrestrial and marine areas that require protection due their vulnerability and uniqueness in terms of environmental characteristics. Haiti's KBA cover an area of 9,340 km²— about a third of the country's land area, and around 75% of the Southern peninsula. The peninsula is composed by very diverse terrestrial, coastal and marine ecosystems which provide habitat for many rare and endangered animal and plant endemic species. These land and seascapes also provide key ecosystem services of direct use values (production of wood, tourism, fishery, agriculture and water supply) and indirect use values (coastal protection, replenishment of groundwater, nursery habitat, carbon sequestration). This high value has been recognized by the International Coordinating Council of the Man and the Biosphere in 2015 when it declared the "Massif La Hotte" a Biosphere Reserve.
- 2.3 The peninsula hosts a population of 1.58 million people, of which 78% are rural and 22% urban. Most of them earn their living from activities linked to natural resources such as tourism, agriculture, fisheries, charcoal and timber production or potable water retailing. Around 239,000 farmers are exploiting soil fertility and water. Around 23,100 fishermen and 3,800 female merchants are living from fisheries activities.
- 2.4 Current and emerging threats to the integrity of Haiti's biodiversity and ecosystem services in these KBA include heavy sedimentation, overharvesting of fish stocks, natural disasters, wood harvesting, charcoal production, subsistence agriculture and waste contamination.
- 2.5 To cope with these threats, The Ministry of Environment, through the National Protected Area Agency (ANAP), drafting and implementing management plans for each Protected Areas (PA). The Bank is currently supporting ANAP for the management of one terrestrial PA (Macaya Park) and two marine PA (Aquin and Saint Louis du Sud) in the Southern Peninsula.
- 2.6 Despite these supports, the ANAP still has low technical capacities and resources, and has to strengthen the different methodological tools for PA development and management. In particular, ANAP has to develop the environmental monitoring tool needed to diagnose and monitor the different ecosystems, and a deeper understanding of the values of the different ecosystems is still needed, with up-to-date methodologies. These tools are particularly crucial to monitor the implementation of national planning strategies and international commitments that remain, so far, unmonitored. The financial sustainability of the protected areas is also an important issue, and the country does not yet have any mechanisms to ensure sustainable support to PA.

III. Description of activities and outputs

- 3.1 Component 1.1 Measuring and monitoring ecosystem services: (i) a gap analysis of existing environmental monitoring tools at PAs level; (ii) developing indicator for local PA level and national level; and (iii) assessing economic value of ecosystem services. Expected outputs: Environmental monitoring tool; Assessment of ecosystem services value.
- 3.2 Component 1.2 Securing PAs sustainable financial management: (i) Identification of financial mechanisms, and (ii) selection of recommended financial mechanisms options. Expected outputs: Financial mechanisms developed. Expected general results: Improved methodology, data and tools to assess and manage ecosystem services in Protected Areas (PAs) of the Southern Peninsula

Components

- 3.3 Component 1.1 Measuring and monitoring ecosystem services.
- 3.4 Description: (i) a gap analysis of existing environmental monitoring tools at PAs level; (ii) developing indicator for local PA level and national level; and (iii) assessing economic value of ecosystem services. Environmental monitoring tool. Assessment of ecosystem services value.
- 3.5 Component 1.2 Securing PAs sustainable financial management.
- 3.6 Description: (i) Identification of financial mechanisms, and (ii) selection of recommended financial mechanisms options. Financial mechanisms developed.

IV. Budget

Indicative Budget

Activity/Component	IDB/Fund Funding	Counterpart Funding	Total Funding
Component 1.1 Measuring and monitoring ecosystem services	\$ 150,000.00	\$ 0.00	\$ 150,000.00
Component 1.2 Securing PAs sustainable financial management	\$ 100,000.00	\$ 0.00	\$ 100,000.00

V. Executing agency and execution structure

Inter-American Development Bank - CDH

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VI. Project Risks and issues

Risk: Delay in product validation by ANAP

Mitigation: Close supervision by IDB

Risk: Weak capacities of ANAP limit the appropriation of the tools developed through the TC.

Mitigation: Training and workshops; Involvement of stakeholders in all relevant steps; Close supervision by IDB

VII. Environmental and Social Classification

The ESG classification for this operation is [B]