



MIMAC

Identification, demarcation as protected sites and integrated management of coastal areas of the Colombian Caribbean subjected to climate change impacts (MIMAC)

Aims of the project

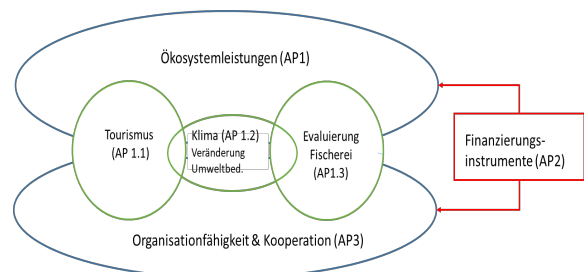
The MIMAC project is aimed at placing the Marine Protected Areas (MPAs) of Bahia Portete, Bahia Honda and Bahia Hondita in a larger context of a Marine Spatial Planning program in order to enhance the regional efficiency of habitat and biodiversity protection. At the same time, management plans for these areas shall be developed, that are adapted to the needs and demands of local stakeholders and that make best use of an ecosystem approach to adaptation and management under conditions of climate change. The implementation of an integrated coastal management plan demands a clear political and societal decision, as well as the strengthening of the administrative capacities of the responsible entities and an intersectoral collaboration. Among all relevant stakeholders integrated management solutions are to be developed, aimed at a reconciliation between protection of biodiversity and use of resources.

Expected results

The protection of mangrove and seagrass habitats shall directly contribute to maintaining CO₂ storage and absorption as well as biological diversity of these ecosystems. Integrated ecosystem-based management practises (fisheries) will allow resource users to adapt their fisheries to the system changes caused by climate change.

KEY FACTS

ZMT contacts: Prof. Dr. Matthias Wolff, WG Resource Management and Prof. Dr. Achim Schlüter, WG Behavioural Economics
Cooperation partners: GIZ and Universidad de Magdalena, Colombia
Partner country: Colombia
Research Locations: Caribbean north coast of Colombia
Project duration: June 2019 – May 2021
Funding: GIZ/BMZ
Status: GIZ is coordinator of the larger regional project; ZMT is subcontracted for conducting MIMAC



Working packages AP1: Quantification of ecosystem services provided by tourism & fishery; AP3: Enhancement of local organisation and collaborative efforts; AP2: Identification and use of financial instruments to help conserving and sustainably managing the study area