

# Adaptation of Nicaragua's Water Supplies to Climate Change

2013 - 2018

**World Bank**

**Ministry of Environment and Natural Resources (MARENA), Emergency Social Investment Fund (FISE) and National Water Authority (ANA)**  
Nicaragua

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## NATURE BASED SOLUTIONS

forests, coastal wetlands (excluding mangroves), mangroves, other

The Government of Nicaragua, with support from the World Bank, is addressing the climate resilience of its coasts and inland water and land resources in the project Adaptation of Water Supplies to Climate Change. The project's objective is to pilot water resources protection and drinking water supply systems with an integrated and participatory approach in selected climate vulnerable communities in Nicaragua. The approach is two-pronged and will include: i) pilot initiatives to enhance climate resilience; and ii) coastal wetland protection and reduction of vulnerability to sea level rise in the municipality of the Corn Islands. With a combination of watershed protection measures, mangrove, and coastal wetland management, the project will address flooding, runoff, and erosion as well as the resilience of water supply. The Adaptation Project will directly benefit the rural communities of four municipalities in the Pacific Region, and in the Corn Islands.

## LEARN MORE

<http://projects.worldbank.org/P127088/adaptation-nicaraguas-water-supplies-climate-change?lang=en>

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**INTERVENTION**

Hybrid

**HAZARD**

coastal flooding  
drought

**SCALE**

Regional

**RISK REDUCTION BENEFITS**

storage & infiltration of flood & storm water, slope stabilization, groundwater recharge & water table stabilization, other

**DONORS**

GEF

**EST. MONETARY COST**

(TODAY'S US\$)

**2.45**

**EST MONETARY BENEFITS**

**Unknown**

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