

# Enhancing the Climate Resilience of Coastal Resources and Communities

2014 - PRESENT

**World Bank**

**Land Transport Authority, Samoa**

**Samoa Water Authority**

**Ministry of Agriculture and Fisheries, Samoa**

**Ministry of Natural Resources and Environment, Samoa**

Samoa

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## NATURE BASED SOLUTIONS

forests, rivers & floodplains, coastal wetlands (excluding mangroves), mangroves, coral reefs

The Government of Samoa is planning to increase the resilience of coastal communities to climate variability and change. The project will develop and implement activities to: (a) assist the Government of Samoa in adapting to climate change; (b) protect people's lives and livelihoods, coastal and inland infrastructure, and the environment; and (c) increase awareness of climate change impacts and adaptation activities in communities, civil society, and local government. The project will promote a broad ecosystem-based approach that recognizes the importance of functioning ecosystems for communities' resilience and that manages risks through green or nature-based approaches, and interventions that can be combined with hard infrastructure where necessary. The project will therefore be concerned with all natural hazards rather than just coastal-associated hazards, and look to assess vulnerabilities and solutions on a ridge-to-reef basis, including coral reef restoration.

## LEARN MORE

<http://projects.worldbank.org/P126596?lang=en>

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### INTERVENTION

Hybrid

### HAZARD

river flooding  
coastal flooding  
landslides & erosion  
drought

### SCALE

Regional

### RISK REDUCTION BENEFITS

coastal energy management, erosion control and slope stabilization, wind speed reduction, slope stabilization, soil composition maintained, reduced loss of transport infrastructure, reduced loss of water infrastructure, reduced loss of urban infrastructure, reduced loss of life

### DONORS

Pilot Program for Climate Resilience

### EST. MONETARY COST

(TODAY'S US\$)

**9.4**

### EST MONETARY BENEFITS

**Unknown**

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