

Integrated Flood Management to Enhance Climate Resilience of the Vaisigano River Catchment in Samoa

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Description

Helping **climate** proof Samoa's capital.

Samoa's economy and its people's livelihoods have been heavily impacted by increasingly severe tropical storms. For instance, the total economic impact of **Cyclone** Evan which hit Samoa in late 2012 was estimated at 40 percent of the country's **GDP** at the time. This reflected the undoing of years of economic gains in **infrastructure development**. Projected **climate change** scenarios indicate Samoa is destined to endure further severe **climate** impacts, including more frequent and extreme rainfall and wind events and sea level rise.

This project will enable the Government of Samoa to reduce the effect of recurrent **flood**-related impacts in the Vaisigano River catchment, which flows through the area of the national capital Apia. Recent extreme weather events in this region have resulted in approximately USD 200 million worth of damage during each event.

This project will strengthen adaptive capacity and reduce exposure to **climate** risks faced by vulnerable communities and **infrastructure** in the Vaisigano River catchment. This region is home to Samoa's highest concentration of public **infrastructure**, including schools, hospitals, and government buildings; as well as private homes and businesses.

Specifically, this project will aid the Government of Samoa enhance its capacities and information base to pursue an integrated approach to reducing **vulnerability** to **flood**-related risks; **flood**-proof key **infrastructure** in the Vaisigano River catchment; and upgrade downstream areas to increase river capacity and allow for the more rapid outflow of **flood** waters.

Project Status

Current

Start Date

Sunday, January 1, 2017

End Date

Saturday, December 31, 2022

Duration

6 years

Short Title

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Project Type

Field Implementation

Total Funding	65,700,000
Donor Currency	USD
Project Scope	Community National

Project Sites

Related Links
Green Climate Fund Website - Samoa Project page

Implementing Organisation(s)
Government of Samoa

Development Partner(s)
United Nations Development Programme

Tags

Green Climate Fund
GCF
climate finance

Topics

Climate Change
Adaptation
Resilience
Disaster Risk Management
Disaster management
Disaster risk reduction
Flood
Economics and Finance
Climate finance
Water
Water storage

Sendai Framework

3. Investing in disaster risk reduction for resilience
4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction

Focus Area

Community-based approach
Infrastructure

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