

Developing Base Maps of Tropical Aquatic Resources in the Pacific, Fiji

Description

Objectives

To increase capacity of the Fijian government and the communities of Votua, Ba and Maui Bay Coast to develop appropriate **climate change adaptation** strategies and to make informed decisions related to coastal and marine resource management based on scientific evidence captured through innovative mapping technology.

Project Summary

Tropical island environments in the Pacific, like Fiji, are suffering significant degradation in **water** quality, biodiversity, and various other critical parameters. One of the most significant needs is to develop accurate, high-resolution base maps of coastal and shallow-**water** aquatic resources, including coral and sea grass ecosystems that have significant economic value in terms of **fisheries**, aquaculture, and **tourism**, among others. These maps are needed as a baseline against which to measure future changes, and to develop place-based resource management plans.

With a grant from the Pacific-American **Climate** Fund (PACAM), the University of Fiji aims to conduct the mapping and **monitoring** of two coastal ecosystems: at Votua Area, where coral reefs have experienced reduced growth rates, higher mortality due to bleaching, and increased damage by severe weather; and at Maui Bay, which has healthier fringing reefs attributed to conservation practices. The resulting maps will illustrate relationships between local resources and human activities; show ways in which resources may be affected by **climate** stressors; and serve as a reference by which change may be measured.

This will help in the **development** of strategies for resource use, biodiversity conservation, **climate change adaptation**, **disaster risk management**, **food security**, and **development** in Votua Ba and Votua Maui Bay.

See factsheet for full details.

Project Status

Completed

Duration

36 months

Project Type

Capacity Building
Pilot / Trial / Demonstration Project

Total Funding

404,729

Donor Currency

USD

Related Documents

[Developing Base Maps of Tropical Aquatic Resources in the Pacific, Fiji Factsheet](#)

Project Sites

? Submitted by makelesig@sprep.org on Mon, 06/02/2017 - 14:42

Project Donor(s)

[Pacific-American Climate Fund](#)
- Funding Amount: USD 404,729

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Implementing Organisation(s)

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Tags

PACAM

Topics

Climate Change
Impacts
Vulnerability
Information Technology and Information Management
Geographical information systems

Focus Area

Vulnerability assessments
Mapping
Assessment

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