



Dynamic Adaptive Management Pathways in the Outer Islands Water Sector, Kiribati



Description

Objectives

To enhance the adaptive capacity of community-based **water** management systems to ensure sufficient **water** for basic **health** under a changing **climate**.

Project Summary

Saltwater intrusion into groundwater is one of the many impacts of climate change on the **water** resources in Kiribati, an island nation in the central Pacific Ocean. Communities are also experiencing variations in precipitation and **coastal erosion** which will likely have adverse effects on the quantity and quality of groundwater resources. A lack of **sanitation** facilities and appropriate sewage treatment further deteriorates groundwater quality. Such effects place additional strain on people's livelihoods and wellbeing. A survey found that more than two thirds of the households on Kiribati's two outer islands do not have access to protected sources of drinking **water**. Poor hygiene due to limited access to potable **water** is the reason why illnesses such as diarrhea and pneumonia are the leading causes of death in Kiribati.

(PACAM), the Institute for Sustainable Futures at the University of Technology Sydney (ISF-UTS) will help communities to identify **early warning** signals that indicate when freshwater supply is not meeting demand. Communities can then put **adaptation** strategies in place, which include the diversification of **water** resources. Implementing this project will help ensure sufficient clean **water** is provided in accordance with the World **Health** Organization's guidelines.

See factsheet for full details.

Project Status

[Completed](#)

Duration 24 months

Project Type [Capacity Building](#)
[Community Awareness](#)
[Field Implementation](#)

Total Funding 184,175

Donor Currency USD

Project Scope [Community](#)

Related Documents

[Supporting Community Adaptation to Water Shortages in Kiribati Factsheet](#)

Project Sites

Submitted by makelesig@sprep.org on Wed, 08/02/2017 - 10:10

Implementing Countries

[Kiribati](#)

Project Donor(s)

[Pacific-American Climate Fund](#)
- Funding Amount: USD 184,175

Donor Contact(s)

[Peter Collier](#)
[Sharon Gulick](#)

Implementing Organisation(s)

[University of Technology Sydney](#)

Implementing Organisation Contact(s)

[Pierre Mukheibir](#)

Tags

[PACAM](#)

Topics

[Climate Change](#)

[Adaptation](#)

[Risks](#)

[Health](#)

[Communicable diseases](#)

[Water](#)

[Water quality](#)

Focus Area

[Community-based approach](#)

[Infrastructure](#)

2213123 class="block-title">Footer

We'd love to hear from you. Please complete our [FEEDBACK form](#).

Copyright © 2019 - Pacific [Climate Change](#) Portal, [Secretariat of the Pacific Regional Environment Programme](#) (SPREP)

Powered by [Drupal](#)

Source URL: <https://www.pacificclimatechange.net/project/supporting-community-adaptation-water-shortages-kiribati>