

## WHAT IS PACC?

PACC is the Pacific Adaptation to Climate Change project. It is difficult to predict far in advance how climate change will affect a particular site, sector or community. There is an urgency for the need to adapt to climate change in our Pacific island countries, the PACC has been developed to assist with the implementation of adaptation measures in 11 countries in the region. Nauru, is one of the countries that will participate in implementing adaptation measures to enhance its resilience to the adverse impacts of climate change over the long term.



*The Hon. Dominic Tabuna  
Minister for Commerce, Industry  
and Environment  
Republic of Nauru*

The Government of Nauru would like to express its complete support for the PACC project on Nauru and to thank to all agencies involved in its structure and implementation. The plight of small island nations such as Nauru to combat the effects of climate change is well documented. The ongoing efforts of concerned organisations such as SPREP, GEF and the UNDP to instigate programs to assist in real and meaningful ways is greatly appreciated.

## NAURU PACC TEAM Contact Information

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## NAURU

Pacific Adaptation to  
Climate Change Project





## WATER SITUATION IN NAURU

Nauru's water supplies are vulnerable to fluctuations in rainfall.

The country experiences prolonged droughts, placing severe stress on the natural important food trees and plants and limiting potable water sources that can be harvested from rain.

Surface water resources are brackish and to some extent have been exposed to contamination from human activities from surrounding areas.

The main significant potable groundwater resource is found on the Northern parts of the island.

The main uses for brackish water is for sanitary purposes in households

Currently, during the drought periods, Nauru's population is heavily reliant on water supplied from Reverse Osmosis. (ROs).

### PACIFIC ADAPTATION TO CLIMATE CHANGE



## PACC IN NAURU

Water Resources Management is the proposed area of intervention for PACC-Nauru and will be under the adaptation project entitled "Piloting climate change adaptation in water resources management in Nauru".

The basic tenet is that the current water management is not able to cope with changes in rainfall regimes and sea-level changes.

There is also limited integration of climate change adaptation into sectoral development planning and budgeting processes relating to water management and its associated infrastructure.

Put simply, the goal is to enhance the capacity of Nauru to adapt to climate change including variability in key development sectors

The objective will be to increase the resilience of the water resources management sector and to enhance the adaptive capacity of communities and socioeconomic activities to climate change and sea level rise.

The specific outputs will incorporate the ability to mainstream relevant plans and programmes incorporating climate risks in the water sector in Nauru and to develop practical guidance and demonstrate a water supply system that will reduce vulnerability during drought conditions.



## PACC ACTIVITIES IN NAURU

PACC activities in Nauru will follow four main areas:

**Policy and Planning:**

This will involve mainstreaming relevant plans and programmes to incorporate Climate Change risks in the water sector for Nauru and to develop a Drought Management Strategy

**Capacity Building**

Community consultations will be held to educate the general public on water quality and water management  
Education and information focussing on the maintenance and repair of water catchment areas will also be provided to communities.

A priority will be the promotion of water conservation and the need for increased awareness water issues.

**Demonstration**

This part of the program will focus on;  
Enabling accessibility of potable and non potable water to ensure water security .

The introduction of solar water purifiers

The installation/ repair of household rainwater harvesting systems

Increasing existing brackish water accessibility and the strengthening of water infrastructure management in communities.

**Project Management**

The ongoing support, management and monitoring of equipment and the mentoring of the community on water management techniques and other related issues.