



Nauru Climate Change Adaptation

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Overview

In Nauru, drought has been identified as one of the most threatening impacts of Climate Change

Water resources are limited in Nauru and represent a major challenge for the nation

The vast majority of the water supply comes mainly from domestic rain water, ground water and also desalinated sea water produced by reverse osmosis (RO)

The use of Water

| Water resource | Above average rainfall | Low rainfall | Extended drought |
|-------------------------|------------------------|-------------------------------|-------------------------------------|
| Rainwater | All users | Drinking only | Not used (Storage low/ empty) |
| Seawater Desalinated | Not used | Drinking only | Drinking only |
| Ground water | Outdoor Laundry | Outdoor Laundry Bathing | Outdoor Laundry Bathing |

Climate Change impact

- There are two Government farms established in Nauru in collaboration with the Taiwan Government
- One is targeted for Kitchen Garden focused on crop production and the other farm is for Livestock breeding and egg production
- The purpose of these two farms established are targeted to generate revenue for food security purposes in Nauru and also to be used as a demonstration site for capacity building support for the local people
- In order to sustain these two farms, water supply and storage tanks is essential

Needs

- Storage for water is needed at the national level
- Most of the National water storage infrastructure is outdated and will need to be upgraded
- Households will need water tank storage as well for rainwater catchment

Challenge

- Given the urgency and the need for adaptation, Nauru is in the process of developing a Master Plan for Water and Sanitation to address climate change issues, particularly for the most vulnerable communities, and also to guide the implementation of adaptation activities in the country. This plan of action will be used to source funding from Donors to address the constraints.

Conclusion

- Successful adaptation in Nauru will depend on resources such as funding, technical support, and information sharing provided, and regular visit from Consultants to raise capacity building

Thank you