

What is Climate Change?

Climate change is the long-term significant change in the average weather for a region. Climate change experienced beyond normal weather patterns over 30 year period in terms of increase in atmospheric temperature, more massive rainfall and prolonged dry period.

What Causes Climate Change?

Climate change is caused by human activities that emit greenhouse gases into the air is expected to affect the frequency of extreme weather events such as drought, extreme temperatures, flooding, high winds, and severe storms.

What is Climate Change Adaptation?

Climate change adaptation helps individuals, communities, organisations and natural systems to deal with those consequences or impacts of climate change to our environment and livelihoods that cannot be avoided. It involves taking practical actions to manage risks from climate impacts, protect communities and strengthen the resilience of the economy and communities.



Women take the lead on food preservation and climate change adaptation at the Nguna-Pele Marine and Land Protected Area Networks.

ADAPTATION “ACTIONS TO MANAGE THE RISKS OF CLIMATE CHANGE”



Good building structure using local materials in Emau Island.

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DEPARTMENT OF CLIMATE CHANGE GOVERNMENT OF VANUATU

WHAT IS CLIMATE CHANGE ADAPTATION?



Adaptation technique of growing crops .



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DOCC

“Working Together for a Resilient Vanuatu”

HOW WE CAN ADAPT TO THE IMPACTS OF CLIMATE CHANGE IN OUR COMMUNITIES



Relocate a coastal village further inland due to sea level rise and coastal erosion.

Methods of Climate Change Mitigation

- Change planting times to suit the current weather.
- Planting cross breeding with other hybrid plants resistant to climate and droughts.
- Plant more than one type of crop.
- Replant trees on hill slopes to prevent soil erosion.
- Mend leaky water pipes and taps to minimize wasting water.
- Recycle water when watering gardens.
- Turn off water taps when not in use.
- Store water in clean containers for emergencies.
- Showing support for our forest conservation activities.
- Support and respect protected areas.
- Relocate a coastal village further inland.
- Protect coral reefs.
- Limit the extraction of sand, coral and gravel for development purpose.

People can adapt to climate change by reducing their vulnerability to its impacts. Actions such as moving to higher ground to avoid rising sea levels, planting new crops that will thrive under new climate conditions represent adaptation strategies. Some of the Adaptation activities are shown below:

- **Planting of vetiver grass**



Planting of vetiver grass in a coastal area to prevent coastal erosion.



Resistant crop farming in Epule village, Efate.

- **Plant resistance crops and vegetables against climate change**



Yam breeding at VARTC, Santo.

Plant resistant root crops and vegetables against the effects of climate change.

- **Tilapia fish farming**



Tilapia farming in a rural community.

Tilapia fish farming is an adaptation measure to address climate change impacts in our communities in Vanuatu.