

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

What is Climate Change Mitigation?

Climate change mitigation consist of actions that can help to limit the magnitude or rate of long term global warming and its related effects. Climate change mitigation measures generally involves the reductions in the human emissions of greenhouse gases into the atmosphere.



Women in Tanoliu community in north west area council of Shefa province is attracting pacific wild interest in its new knowledge and demonstration of growing tress in mitigation of carbon dioxide in the atmosphere.



Trees planted in a community in Vanuatu.

MITIGATION

“ACTIONS TO REDUCE EMISSIONS THAT CAUSE CLIMATE CHANGE”

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**DEPARTMENT OF CLIMATE CHANGE
GOVERNMENT OF VANUATU**

WHAT IS CLIMATE CHANGE MITIGATION?



Planting of trees is a Climate Change Mitigation activity .



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DOCC

“Working Together for a Resilient Vanuatu”



Using sustainable transport to travel in to protecting coastal habitats in Vanuatu.

WHAT CLIMATE CHANGE ACTIVITIES AND OPTIONS ARE THERE TO HELP MITIGATE THE IMPACTS OF CLIMATE CHANGE IN VANUATU

Using Renewable Energy

- **Solar Power**



A school student holding a solar panel used for producing electricity for lighting at her school.

Cheapest energy, environmental friendly and this reduce the amount of GHG emissions.

- **Hydro Power**



A mini hydro system used to produce electricity power in a village in Vanuatu.

Using Micro hydro power to generate electricity, reduce the amount GHG emission.

- **Windmill Power**



Windmill used for producing electricity for lighting at Devils Point, Efate.

Using windmill to generate electricity is environmental friendly and helps to reduce GHG emission.

Methods of Climate Change Mitigation

- Increase in land mass of carbon sinks in terms of reforestation.
- Reduce energy demands in fossil fuels by using renewable recourses such as solar panels, water hydro power stations, wind turbine and geo thermal.
- Planting and conservation of mangroves and sea grass in coastline areas to reduce the amount of carbon from affecting marine habitats.
- Using organic fertilizer from food pills to grow food crops to reduce the green house gas emissions and reduce the amount of using chemical fertilizer.
- Using traditional and non traditional sustainable transport to reduce the GHG emissions.
- Encourage and improve Waste management.
- Encourage Eco tourism ventures to prevent over exploitation of natural resources.

Replanting of trees



Nurseries of tree seedlings to be used for replanting trees in a community in Vanuatu.

Replanting of trees is one of the mitigation activities contribute to mitigate Climate change.