

Preparing PNG ANOW For Climate Change & El Niño

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Climate Change
El Niño
Preparing PNG for Drought

Climate Change Global Warming "Now Unequivocal" - IPCC 2007

TOP 5 WARMEST YEARS WORLDWIDE SINCE 1890's









Worst Floods in Centuries across Europe Worst Floods in Decades across Asia











AUSTRALIA Suffers Worst Drought in Centuries









Climate Change



INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



Climate Change 2007: The Physical Science Basis

Summary for Policy Makers – February 2007

"For the next two decades a warming of 0.2°C per decade is projected"

"Anthropogenic warming will continue for centuries --- even if greenhouse gas concentrations are stabilized"

"It is very likely that hot extremes, heat waves and heavy precipitation events will continue to become more frequent"

"It is likely that the area affected by drought will increase"



El Niño







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El Niño



El Niño

2011

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Drought-Coping Strategies

Resource stations should be set up or equipped with the Following the tash eld mo event, where developed a necessary information and resources in each drought stratterites vulnerable district across the country



Water is the limiting resource!

Without accessible water supplies, human beings, farm animals, crops and future planting materials will all perish alike during a severe drought

Five-Year Plan

Five-Year Plan

Years 1-2

Pilot Project

- Investigate the potential for mini-reservoirs, subterranean wells, storage tanks and different irrigation technologies to supply potable and irrigation water to Highlands, Lowlands and Island communities in a series of case studies
- Determine the feasibility, costs and effectiveness of the different water supply measures and assess their likely uptake by rural communities





Five-Year Plan

Five-Year Plan

Years 3-5

Regions-wide Programme

- A network of NGO's and government agencies should be established, coordinated and resourced (*financed*) to work with communities in drought-vulnerable regions to establish sustainable supplies of drinking and irrigation water by the year 2011
- To avert a humanitarian disaster should a severe drought occur again within the next 5 or 6 years
- To enable rural people to prosper and have better health, nutrition and living standards under 'normal' climatic conditions

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(Royden Howie, 2000, Food Security for Papua New Guinea, p 252)

The Opportunity!

An opportunity exists NOW to invest in rural communities to make them (*virtually*) immune to the swings and see-saws of climate change and enable them to thrive and prosperity of the Nation.

This opportunity should not be missed!

