Climate resilient development in SIDs: Opportunities provided by the Pacific Climate Change Centre

Vanuatu capacity building need for climate resilience development

Vanuatu Meteorology and Geo Hazards Department, Ministry of Climate Change

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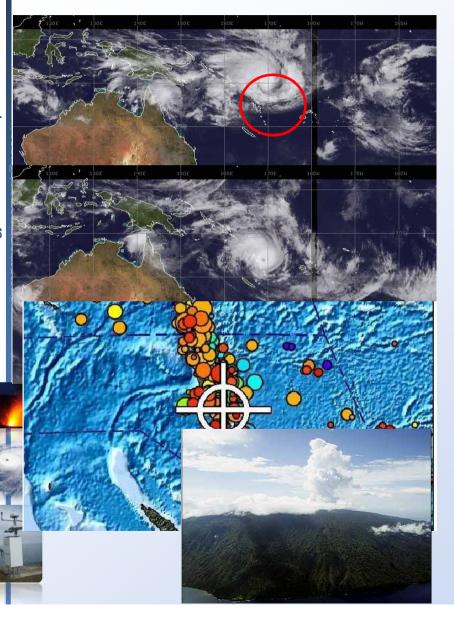
Presentation outline

- **➤ Vanuatu- Background Information**
- Role of Vanuatu Meteorology and Geo-Hazards Department (VMGD)
- Vanuatu Framework for Climate Services (VFCS)
- > Vanuatu climate products and services
- > Communication channels Using existing networks
- Capacity building needs
- > SPREP role in supporting NMS in the Pacific region





Vanuatu – Background information

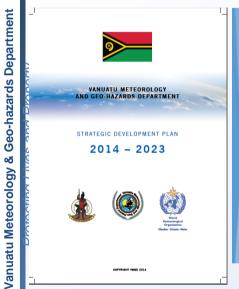


- Rank one on the UN vulnerability risk index
- ➤ Hot spot for TC events and experience, ENSO related events couple with Geo-Hazard events such as Tsunami, earthquake, volcanic eruption — TC Pam
- The government is focusing on building resilience among communities – science to action
- > 80% person of people live in communities in around 83 islands depending on land and seas for survival
- Weather and climate determine their livelihood



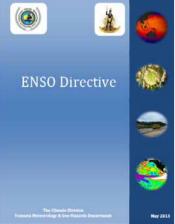


Role of Vanuatu Meteorology and Geo-Hazards Department (VMGD)









- > Guiding documents
- Timely and accurate information to help decision making
- Observation/Forecast/climate/clim ate change/Geo-Hazards/supporting divisions
- ➤ 60 Staff scatter across 8 locations around the country – 84 voluntary officers
- However, there are still gaps to address performance to meet needs
- VMGD works with government and regional/international organization with donor partners

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Vanuatu Framework for Climate Services



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Financed by Climate Investment Funds through the Asian Development Bank (ADB) Strategic Fund and administered by the Regional Technical Support Mechanism (RTSM) at SPREP

- Data infrastructure
- Data analysis
- Climate data value added products
- Dissemination of information
- > USERS

Vanuatu Framework for Climate

Services

> PROVIDER

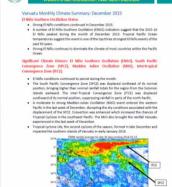
A guidance document for the development and strengthening of climate services so that all Ni-Vanuatu can prepare for and adapt to climate variability and change as a basic human right



Vanuatu climate products and services







- > Rainfall outlook
- Vanuatu Monthly Climate Update
- Vanuatu Monthly Climate Summary
- Vanuatu Annual climate summary
- Data/Awareness/workshops
- Climate Field schools
- Klaod Nasara and toolkit
- Climate briefing
- NCOF becomes an annual activity
- **Future Services**
 - Incorporation of TK into forecasting
 - Sub-seasonal forecast
 - > Sector specific products
 - > QMS certified climate service provider









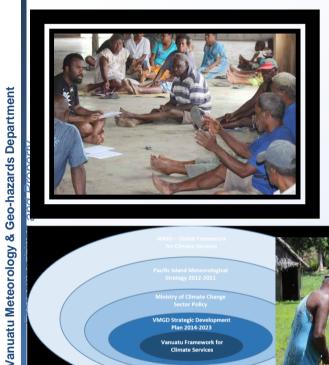
Communication channels – Using existing networks







Capacity building needs









- > CC negotiations
- Project proposal
- > Contributing to IPPC reports
- > Climate science analysis
- > Tradition Vs. Science
- Climate IT experts on programing for climate software
- > Development of sectoral climate early warning system and specific sector products
- ➤ Language barrier 3 language's
- > Rural Vs. Urban
- National –provincial Communities- different levels of governance is difficult
- Community science an area need to pursue further
- Using of climate related information for decision must be part of planning





SPREP role in supporting NMS in the Pacific region





Vanuatu Meteorology & Geo-hazards Department





- Region direction on NMS priorities
- > Climate science
- > Traditional Knowledge
- Regional database
- > Transition of projects
- Help to develop Project proposal development
- > Funding opportunities -RIE
- Advise on linkages to regional and international framework/plans
- > Help develop NMS in the region



These roles will be further strengthen with the establishment of Pacific Climate Change Centre





Thank you





