

Responding to Climate Change and Security of Tenure Challenges in Vanuatu: The Role of Land Professionals



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INTRODUCTION

- ❖ Vanuatu consists of 83 mountainous islands that spreads over an archipelago 'between New Caledonia and Fiji in the South Pacific
- ❖ Known to be within the ring of fire with Tanna and Ambrym active volcanoes – tremors
- ❖ Natural disasters is common each year
- ❖ Migration often results to permanent residency
- ❖ Land follows a matrilineal and patrilineal tenure system

KEY VULNERABILITIES WITH RESPECT TO RESILIENCE AND DRR

Vulnerabilities

- ❖ Lack of good policies to direct specific issues that discusses resettlement plans
- ❖ Mixed constructions styles
- ❖ Materials used such as corals and sand from the sea is not good- Corrodes quickly.
- ❖ lack of proper planning as our islands are sparsely spread
- ❖ lacks no historical data on stream flow channels
- ❖ Low lying islands
- ❖ Very high concentration of population density along the coastal areas

Challenges

- ❖ Small land masses
- ❖ Issues of land tenure and ownership patterns
- ❖ Lack of funding for better homes to withstand disasters,
- ❖ Need good policies that could assist in lessening DRR,
- ❖ The issues of traditional knowledge on reading weather systems are missing in educational materials which are the real signs to show what will happen.
- ❖ The predictions under the traditional systems . These are reactions of animals, birds and Key species
- ❖ Good predictions of La Nino and El Nino have been very minimal but is coming in slowly

Roles of Land sector and Professionals

- ❖ Enhance awareness on the effects of climate change and sea level rise
- ❖ Develop plans for relocation for those homes are less than 10 meters near the coastlines
- ❖ Assist in providing good and sound home designs
- ❖ Reviewing of national legislations to meet standards for disaster and sea level rise
- ❖ Provide advice on best locations if sea level is faster in terms of rate of increase
- ❖ Provide crust information on sea level changes each year
- ❖ Proposing through mapping out locations of new homes that could sustain DRR and climate change
- ❖ Providing team leadership in planning
- ❖ Providing the best GIS software that could be used for mapping
- ❖ Providing simulation predictions
- ❖ Providing 3D modeling productions for better planning that is free of climate changes

KEY VULNERABILITIES WITH RESPECT TO URBANISATION

- **Vulnerabilities**

- ❖ Non-communicable diseases (NCD), including cardiovascular diseases, diabetes, cancer and chronic respiratory diseases are a major health problem in Vanuatu, and are the leading causes of death and disability (responsible for 70% of deaths).

- **- challenges**

- ❖ The challenges to urbanization results in loss of cultural values that often leaves a country and its citizens not knowing who they are

How these key vulnerabilities can be addressed by the land sector and land professionals

- ❖ Better policies to design spaces for multiples homes within a locality
- ❖ New government legislations on all socio-economic and political structures
- ❖ Better zoning plans
- ❖ Better land use plans
- ❖ Subdivision plans and policy establishments
- ❖ Land Acquisition policy to acquire land for DRR
- ❖ New policies designed for improvements by land developments
- ❖ New land laws introduced for land redistributions
- ❖ Market distributions systems policies
- ❖ Creations of areas to host cultural villages

CONSTRAINTS IN IMPROVING LAND GOVERNANCE AND LAND ADMINISTRATION

- ❖ weak land laws
- ❖ Borrowed laws that are not relevant in our context
- ❖ Unable to execute laws
- ❖ Inconsistent land laws
- ❖ Technological flaws and knowledge to use technology to change old things to new systems
- ❖ Need to continue to create new policies to make land work
- ❖ Policies versus actions in reality

HOW LAND GOVERNANCE CONSTRAINTS CAN BE ADDRESSED BY THE LAND SECTOR

- ❖ GIS systems
- ❖ Digital Cadastral Surveys
- ❖ E systems for Planning, E-Valuation, E-Survey, E-Registrations (TIS), E-
- ❖ FAO SOLA system
- ❖ New Legislations and reviews

CAPACITY BUILDING IN THE LAND SECTOR

- advance studies in land administration surveying, and geodetic trainings
- attachments with professionals within the regions and worldwide would be an advantage for collaborations
- creation of exchanges programs that links our people with CROP agencies, FIG and both international and regional organizations to up skill our people
- not many land professionals are sent on scholarships each year for land managers

THE ROLE OF COLLABORATION

- Collaborations for funding opportunities
- Up skill programs to be provided for trainings in areas of spatial information management, land use planning, community awareness on land rights and development
- secretariat for sourcing of funds for SIDs and if possible recommend also for us for education levels.

Conclusion

- We collaborations for advancement
- Secretariat for SIDs for Land Issues
- We need your advice and assistance to help us grow more stronger in our planning

Tankiu tumas