



Country Report Vanuatu



Vanuatu Meteorology & Geo-hazards Department Ministry Infrastructure and it –



**Application of Space Technology and the Geographic information system
for DRR and Sustainable Development**
18th – 22nd December 2012
Thailand - Bangkok
Mr. Sam WAIWAI - Senior Climatologist & Data Analyst



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The Republic of Vanuatu

- Composed of more than 80 small islands, 65 of which are inhabited
- Capital City: Port Vila
- Land Area: 12,200km²

Major languages:
Bislama, English, French

Major Religion: Christianity

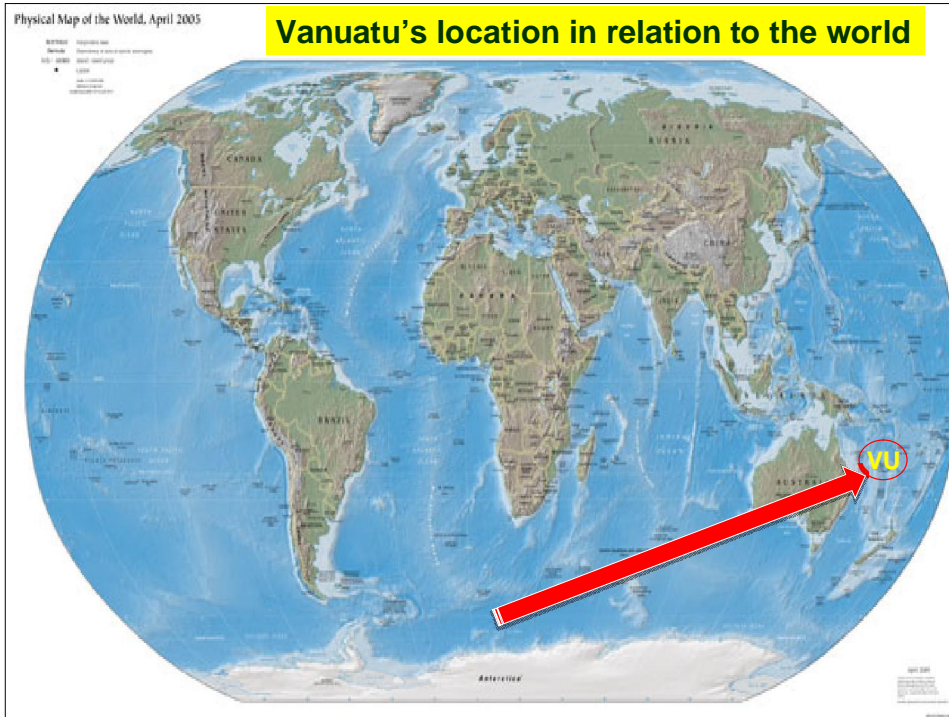
- Life Expectancy: Male - 67 yrs, Female – 70 yrs



GDP per Capita: US\$ 1,600
Population: 253,589 (VNS ,2009)

85% of total population live in rural areas





Why ? NEED Space Technology and GIS AND DRR FOR VANUATU

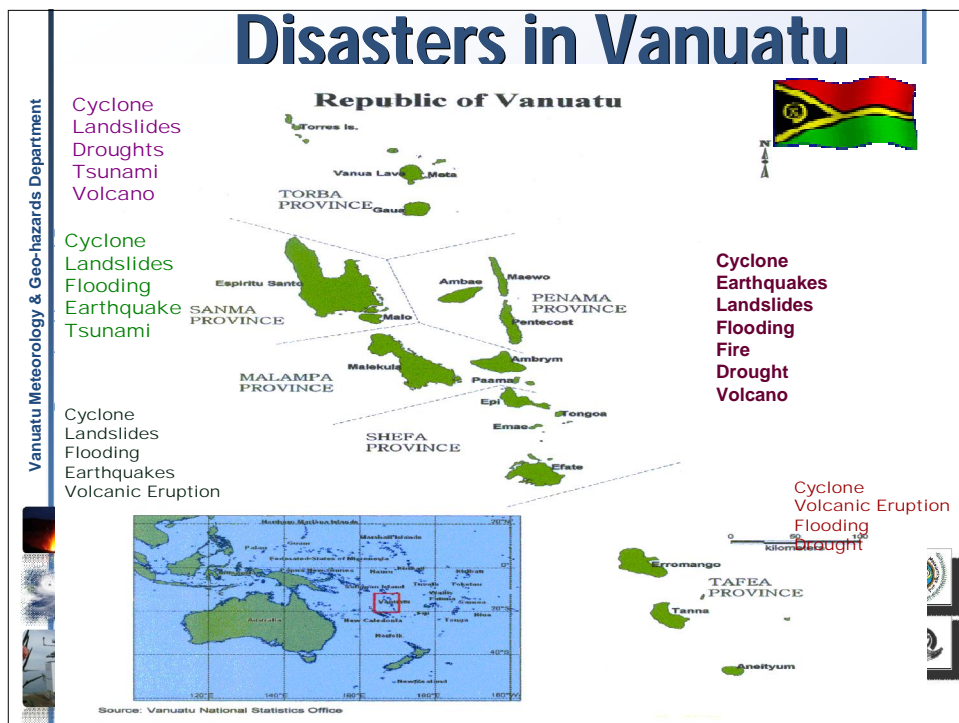
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Protecting Lives and Property

- Sits on the Pacific "Rim of Fire".
- Sits on the subduction zone of two tectonic plates and subjected to frequent earthquakes.
- Sits on the Pacific cyclonic belt.
- Sits within 450,000 km² of an Ocean waters
- Covers a land mass of 12,189 km²
- 900 km from Torres Group (Nth) to Aneityum (South)

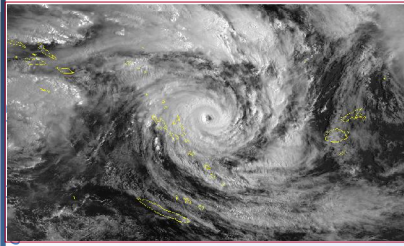
Active Volcanoes, Plate Tectonics, and the "Ring of Fire"

The map illustrates the Pacific Ring of Fire, a major area of volcanic and seismic activity. It shows the boundaries between several tectonic plates, including the Eurasian, North American, Pacific, Indo-Australian, Antarctic, African, Arabian, South American, Nazca, Cocos, and Caribbean plates. Key features labeled include the Ring of Fire, Cascade Range, San Andreas Fault, and various trenches and ridges.

USGS
Topographic, USGS/CI/12, 1991. Modified from Tilling, 1981; and King, 1981; and Haxel, 1976



DISASTERS IN PICTURES



Estimated Level of Vulnerability



Countries	Cyclones	Coastal Flooding	River Flooding	Tsunami	Earthquake Landslides	Drought	Volcanic Eruption
Cook Islands	M	M	L	M	M/L	H	nil
FSM	M	H	L	H	L/L	H	nil
Fiji	H	H	H	H	M/H	M	nil
Kiribati	L	H	nil	H	L/L	H	nil
Marshall Island	M	H	nil	H	L/L	H	nil
Niue	M	H	nil	M	L/L	M	nil
Palau	M	M	nil	M	L/L	M	nil
PNG	L	H	H	H	H	M	H
Solomon Island	H	H	H	H	H	H	H
Tokelau	M	H	nil	H	L/L	H	nil
Tonga	H	H	M	H	H/L	M	H
Tuvalu	L	H	nil	H	L/L	M	nil
Vanuatu	H	H	H	H	H/H	H	H

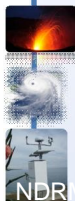


DRM NAP 2006-2016 a Long term strategy Policy



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- Ø Vanuatu , the first country to develop NAP on DRR and DM 2006-2016 which was approved by the Cabinet as a supplementary to PAA
- Ø The National Action Plan on DRR and DM 2006-2016 a Long term Policy Strategy of the Government.
- Ø A link to Regional Framework for Action 2005-2015, the Hyogo Framework For Action 2005-2015 and the Pacific Plan Resolution .
- Ø NAP contains 8 thematic areas and 51 Actions.
- Ø NAP has two major Components...Disaster Risk Reduction and Disaster Management.



NDRMO 2011-2012





What we are doing



- Ø Strengthen and integrated institutional arrangement with Meteorology and Geo-hazard NDMO and other stakeholders.
- Ø Strengthening governance and decision making arrangements other stake holders.
- Ø Strengthen government commitment in the implementation of Disaster Risk Management in Vanuatu.
- Ø Integration of DRR and DM into Finance and Budgeting and Economy.
- Ø Provincial Disaster Plan, and Response Plan.
- Ø Understand the Risk of Hazards around or in each Sector.
- Ø Proactive Community base resilience.



Challenge's



Space and GIS applications for DRR is very low in the Developing Island countries such as Vanuatu due to lack of;

- Ø Capacity building e.g. Human Resources who are expert in this areas.

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_7183

