Presenter:
Mr Martin Sokomanu
Surveyor General
Lands and Surveys Division
Department of Lands, Surveys and Registry
Ministry of Lands and Natural Resources
THE EFFECTS OF CLIMATE CHANGE & NATURAL DISASTERS ON THE NATIONAL GEODETIC NETWORK
CRUST MONITORING SURVEYS

AMBRYM VOLCANOE

YASUR VOLCANOE
GEODETIC CONTROL NETWORK

- **Institutions: 1960s – 1980s**
  - INSTITUTE GEOGRAPHIC NATIONAL (IGN)
  - DIRECTORATE OF OVERSEAS SURVEYS (DOS)
  - Royal Australian Survey Corps (RASC)

- **Institutions: 1990s – 2013**
  - Institute de recherché pour le developpement (IRD)
  - Geoscience Australia
TWO DATUMS ON INTERNATIONAL SPHEROID
Operation ALGUM - Doppler Points
IRD CGPS BASE STATIONS

IRD - Institut de recherche pour le développement
1995 – Tide Gauge established by the National Tidal Facility of Flinders University in Australia, CORS Station by Geoscience Australia.
WORKING TOWARDS A SINGLE UNIFIED DATUM (VMG2012)
Begin Planning requirements for a Single Datum for Vanuatu
PORT VILA

Approx. 5106 Lots

Over 16000 coordinates
MERCI BEACOUP