Tonga Geospatial Reference System Modernisation Update

Integrated Geospatial Information Framework (IGIF)
Global Pandemic

- National Lockdown
- Field survey was banned for months
APRGP GNSS Campaign 2019 & 2020
Updating Cadastral Control
Observe Benchmarks with GNSS

- Ellipsoid height to all BMs with MSL height
- Update its coordinate
Survey Mark Protection

- Installing of survey mark protection covers
- Iron and plastic covers
- Special thanks to Graeme Blick, LINZ for his assistance in securing the covers from NZ
National Geospatial Action Plan-IGIF

- Modernisation of Tonga Geospatial Reference System
  - Review & Update Geodetic Datum
  - Development a Geiod model for Tonga
  - New Height datum to cover the whole of Tonga
  - National CORS Network

Ensure positioning information are Findable, Accessible, Interoperable and Reusable
The rest of 2020

1. Geodetic Survey in ‘Eua Island
   • GNSS Survey
     • 2\textsuperscript{nd} Order and Cadastral Control (3\textsuperscript{rd} Order)
   • Levelling
   • Installing Protection Covers for survey marks

2. Workshops on draft Survey Act
Thank you very much