

NIUE ISLAND STATUS GEOSPATIAL & SURVEYING



NIUE

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Division
Justice, Lands & Survey Department

The 2024 Annual Meeting of the Pacific Geospatial & Survey Council

Pacific Community (SPC), Lotus Building, Suva Fiji

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BACKGROUND

- Department of Justice, Land, Survey & Community Service (Ministry of Social Service)
 - **Five Divisions** – Administration, Civil/Criminal Court, Land Court, Land Administration, Community Services
 - 18 Staff
 - **8 staff under Land Management Division**
 - **Land Surveying/GIS/Survey Draughting/Land Registration**
 - Acting Senior Surveyor/ GIS Manager
 - Surveyor
 - Senior Surveyor Cadet
 - 2 Survey Cadet
 - Chainman
 - Survey Draughtsman
 - Land Registration/Property/Land Leases

Vision & Purpose

- **OUR VISION**

- To foster an enabling environment that strengthens delivery of quality services to the Niue people and the Government, as well as provide opportunity for professional and personal growth of our staff at all levels, thus contributing to achieve the national development goals our Department has a direct impact on.

- **OUR PURPOSE**

- To effectively and efficiently execute all activities and initiatives relating to Justice, High Court, Court of Appeal, Land Management, Community Services and Social Protection Systems, that protects the people and the environment.

1 - STATUS OF YOUR AGENCY WITH RESPECT TO GEOSPATIAL & SURVEYING WHERE WE REALLY HEADING

- **Justice, Lands & Survey Department – Responsibility for all Government *Geospatial & Land Data's***
- **Land Surveying**
 - Cadastral/Topographic Surveying
 - Survey Draughting
 - Land Registrations
 - Niuean Land
 - Crown Land
 - **Most of our qualify surveyor a migrate to NZ and Australia**

- **Geospatial**

- Update GIS layers
- Survey Plan Digitizing into GIS system & Map printing
- Working on digitizing Marine Spatial Map for NOW project
- Working with other government departments Geospatial data collecting
 - Infrastructure
 - Natural Resource

- ***Both Geospatial & Surveying are shortage of Qualify Staff***

- ***Geospatial & Surveying Legislations/ Policies/ Framework***

- Land Act 1968 & 1969
- Niue follow NZ Survey Regulation
- **Geodetic Datum**
 - Niue is using the **Niue Geodetic Datum of 1991** which is based on the **GRS80 Datum**. The Niue Map Grid is based on the location of the reference mark "**Tomb Point**" which has had its coordinates computed with the Niue Geodetic Datum 1991.
- Niue Map Projection
 - "**Niue Map Grid (NGD1991-GRS80)**"
 - "**Niue, UTM Zone 2(62) (NGD1991-GRS80)**"
- No Geospatial Policies or Legislations

2 - WHERE DO YOU SEE YOUR AGENCY WITH RESPECT TO GEOSPATIAL & SURVEYING IN THE NEXT FIVE(5) TO TEN (10) YEARS?

- Draft a Geospatial Policy
- Set up GIS working group
- Data sharing & security policy
- Have more qualify GIS and Surveyors
- Inspire school leaver to take up career in geospatial and Surveying.
- Encourage local qualify surveyors in NZ to return home
- Continue to lower the number of outstanding final surveys and title registrations
- Survey Plan to move from hard copy into digital

3 - WHAT ARE THE NECESSARY RESOURCES REQUIRED TO ENHANCE YOUR/COUNTRIES GEOSPATIAL INFORMATION MANAGEMENT?

- Improve the GIS and LIS database system
- Geospatial Capacity Building
 - GIS Training – Data modeling
- Survey Equipment's –
 - upgrade of Survey Equipment's
 - GNSS training
- Software
 - Software upgrade License fee
 - Open Source
 - Surveying software

FAKAUE LAHI!