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COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT



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# FIJI STATUS GEOSPATIAL & SURVEYING

EXPERT CONSULTATION AND MEETING ON ENHANCING GEOSPATIAL INFORMATION MANAGEMENT ARRANGEMENTS AND ACCELERATING THE IMPLEMENTATION OF THE SUSTAINABLE DEVELOPMENT GOALS TOGETHER WITH THE SUB-REGIONAL WORKSHOP ON UNITED NATIONS INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK FOR THE PACIFIC ISLAND COUNTRIES AND TERRITORIES

AND

THE 2024 ANNUAL MEETING OF THE PACIFIC GEOSPATIAL AND SURVEYING COUNCIL

**Pasifika Conference Room, Pacific Community (SPC), Lotus Building, Suva, Fiji**

11<sup>th</sup> November 2024

# Current Status - Geospatial & Surveying

## Surveying

- Maintenance of the National Geodetic Network
- Upgrade of the National Reference Frame
- Assess all cadastral survey plans
- Currently working to have a portal for lodgment of survey plans for checking



# HYDROGRAPHY



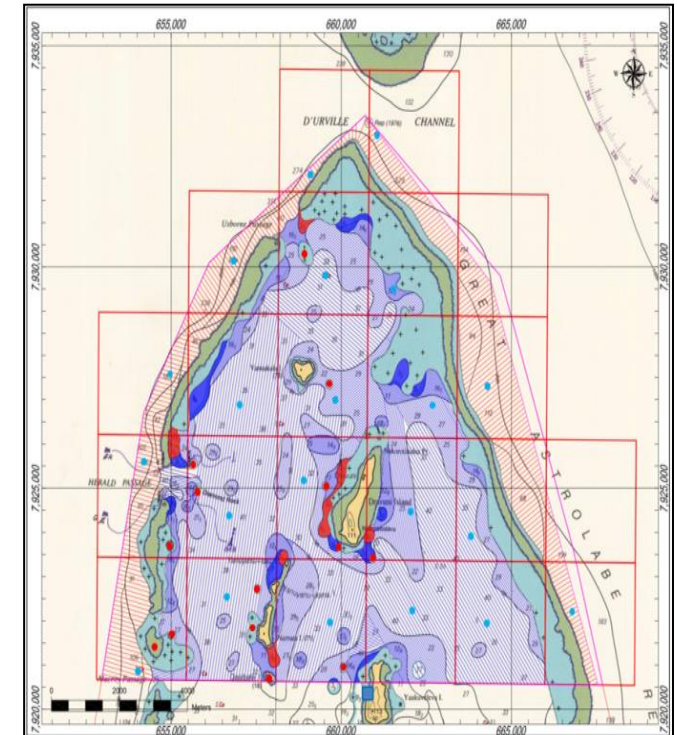
## Roles & Responsibilities

1. To collect with systematic surveys at sea and along the coast geo-referenced data related to:

- Aids to navigation and port survey updates
- Depths of the area encompassed within Fiji's EEZ and of national interest
- Sea bottom composition
- Tides and currents
- Physical properties of water column
- Magnetic properties of the oceanic earths crust within Fiji waters

2. To process the information collected in order to create organized databases capable of feeding the production of thematic maps, nautical charts and other types of documentation for the following most common uses:

- Maritime navigation and traffic control
- Naval operations



## National Geospatial Information Management

- Update of the 1: 50000 topo maps
- Maintain the Fiji Geospatial Information hub
- Publish national geospatial information on the VanuaGIS and VanuaView



# Current Status - Geospatial & Surveying

## National Geospatial Information Management

- Provide guidance to national agencies on GIS activities
- Secretariat to the Fiji Geospatial Information Management Council
- Organize national GIS/RS user group meetings



# Future - Geospatial & Surveying

## Fiji Geospatial & Surveying in the Next Five (5) to Ten (10) years?

- Geospatial Legislation (NDP)
- Strengthen National Spatial Data Infrastructure
- Country Action Plan approval and implementation (NDP)
- Digitized survey plan checking
- Review the Surveyors Act 1969
- Establish 5 more CORS
- Hydrography to support maritime development



# Future - Geospatial & Surveying

## Fiji Geospatial & Surveying in the Next Five (5) to Ten (10) years?

- Operationalize the upgraded reference frame
- Revive the National Mapping Committee
- Develop an Aerial Acquisition Framework
- Digitalize operations and services



# Resources

**What are the necessary resources required to enhance your agencies/countries geospatial information management?**

- Funding
- Policy
- Governance
- Partnerships
- Equipment
- Communication
- Capacity







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THANK YOU