

# Country Presentation

## Fiji Islands

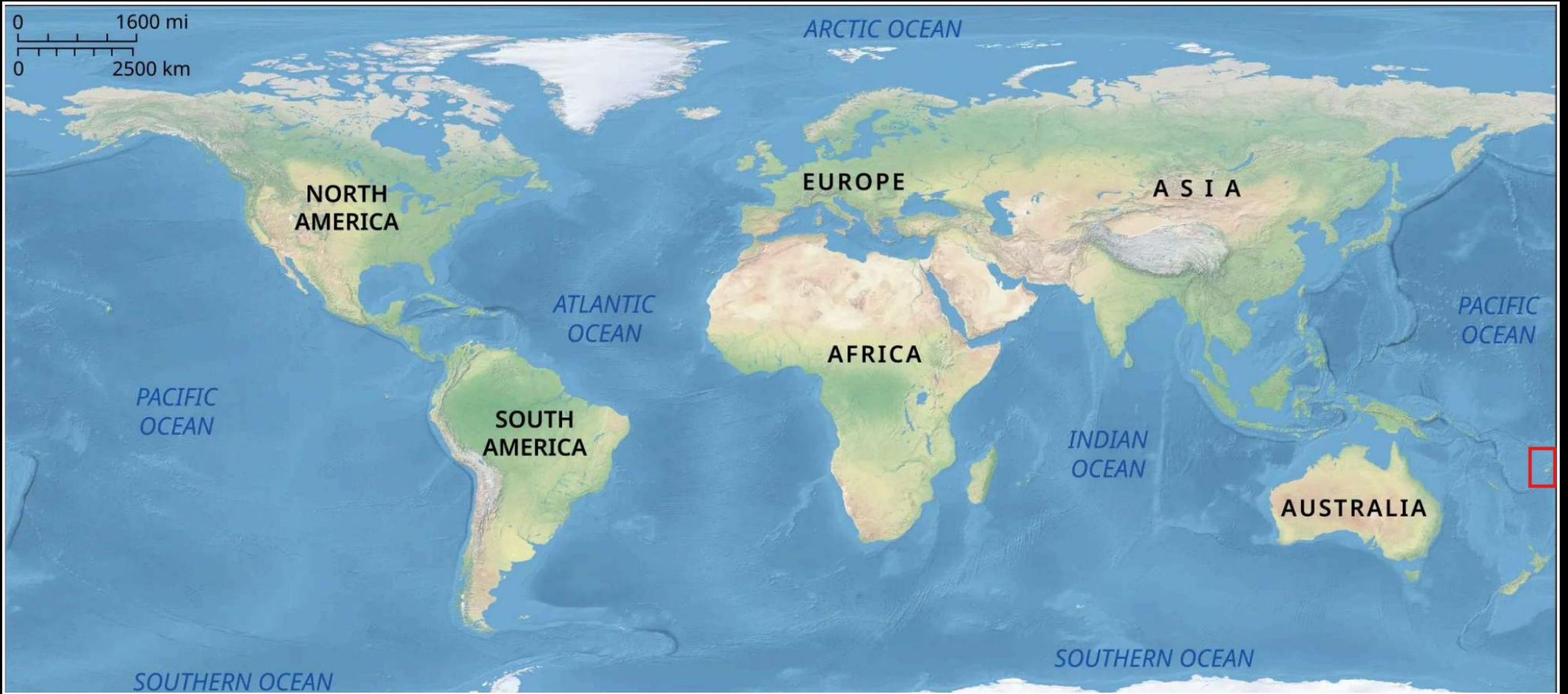
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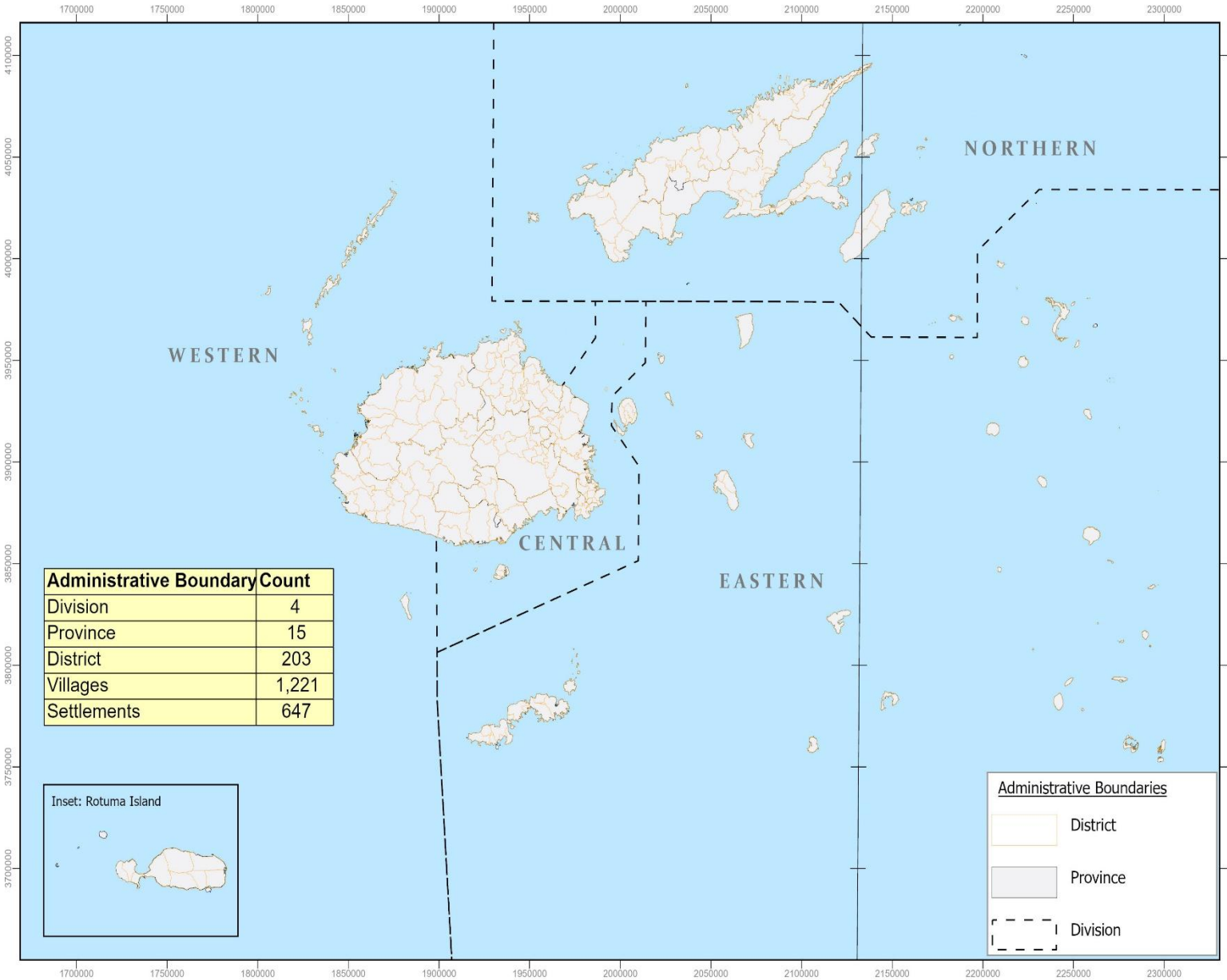
# Disclaimer

This report was compiled by an ADRC visiting researcher (VR) from ADRC member countries.

The views expressed in the report do not necessarily reflect the views of the ADRC. The boundaries and names shown and the designations used on the maps in the report also do not imply official endorsement or acceptance by the ADRC.



Where is Fiji?



Estimated Population: 884,887  
(Increase from 2007 census: 5.7%)

Number of islands: 333 islands, of which about 110 are inhabited.

Land Ownership: ~ State (3%), ~ Native (90%), ~ Freehold (7%)

Economy: Tourism, Agriculture

National Sport: Rugby

Ethnicities: Indigenous Fijians *iTaukei* [56.8%], Fijians of Indian descent *Indo Fijians* [37.5%]

Languages: Fijian, English and Fiji Hindi

# Country Profile

# History of Major Disasters in Fiji

## Tropical Cyclone Evan (2012)

Fiji



### Post-Disaster Needs Assessment



March 2013

### Tropical Cyclone Evan, 17<sup>th</sup> December 2012

Government of Fiji



Tropical Cyclone Evan on Fiji, which occurred in December 2012.

The total estimated economic losses amount to F\$194.9 million (USD 108.4 million), and it outlines recovery and reconstruction needs across various sectors

#### Key takeaways:

- Economic Damage: Tropical Cyclone Evan inflicted **an estimated F\$194.9 million (USD 108.4 million) in damages** to Fiji.
- Affected Sectors: The hardest-hit sectors included tourism, housing, and agriculture.
- Disaster Management Needs: The PDNA underscores the necessity for enhanced disaster risk management practices, advocating for stronger community-level planning and the integration of disaster risk into national development strategies.
- Recovery Costs: The projected **recovery and reconstruction costs are around F\$134 million**, with prioritized needs in tourism, housing, and infrastructure.

## Tropical Cyclone Winston (2016)

Fiji



### Post-Disaster Needs Assessment



May 2016

### Tropical Cyclone Winston, February 20, 2016

Government of Fiji

- In February 2016, Tropical Cyclone Winston, a Category 5 cyclone, wreaked havoc in Fiji, resulting in extensive damage and losses estimated at F\$2.85 billion (US\$1.3 billion).
- This disaster affected 62% of the population translates to 540,400 people with 44 reported fatalities.

#### Key Takeaways:

- Damage Overview: Tropical Cyclone Winston inflicted **F\$2.85 billion (US\$1.3 billion) in damages** across various sectors in Fiji.
- Impact on Sectors: The agriculture, housing, and transport sectors experienced the most severe damages.
- Vulnerability: The impacts of the disaster were acutely felt among vulnerable populations, particularly women and those living in poverty.
- Recovery Estimates: Recovery and reconstruction needs **projected F\$1.96 billion (US\$0.9 billion)**, covering production recovery, service restoration, income support, and infrastructure rebuilding.
- Improving DRM: The assessment identified weaknesses in Fiji's disaster risk management (DRM) system, highlighting the need for enhancements in **early warning systems, information sharing platforms, and inter-agency coordination**.



National Disaster  
Management  
Office (Fiji)



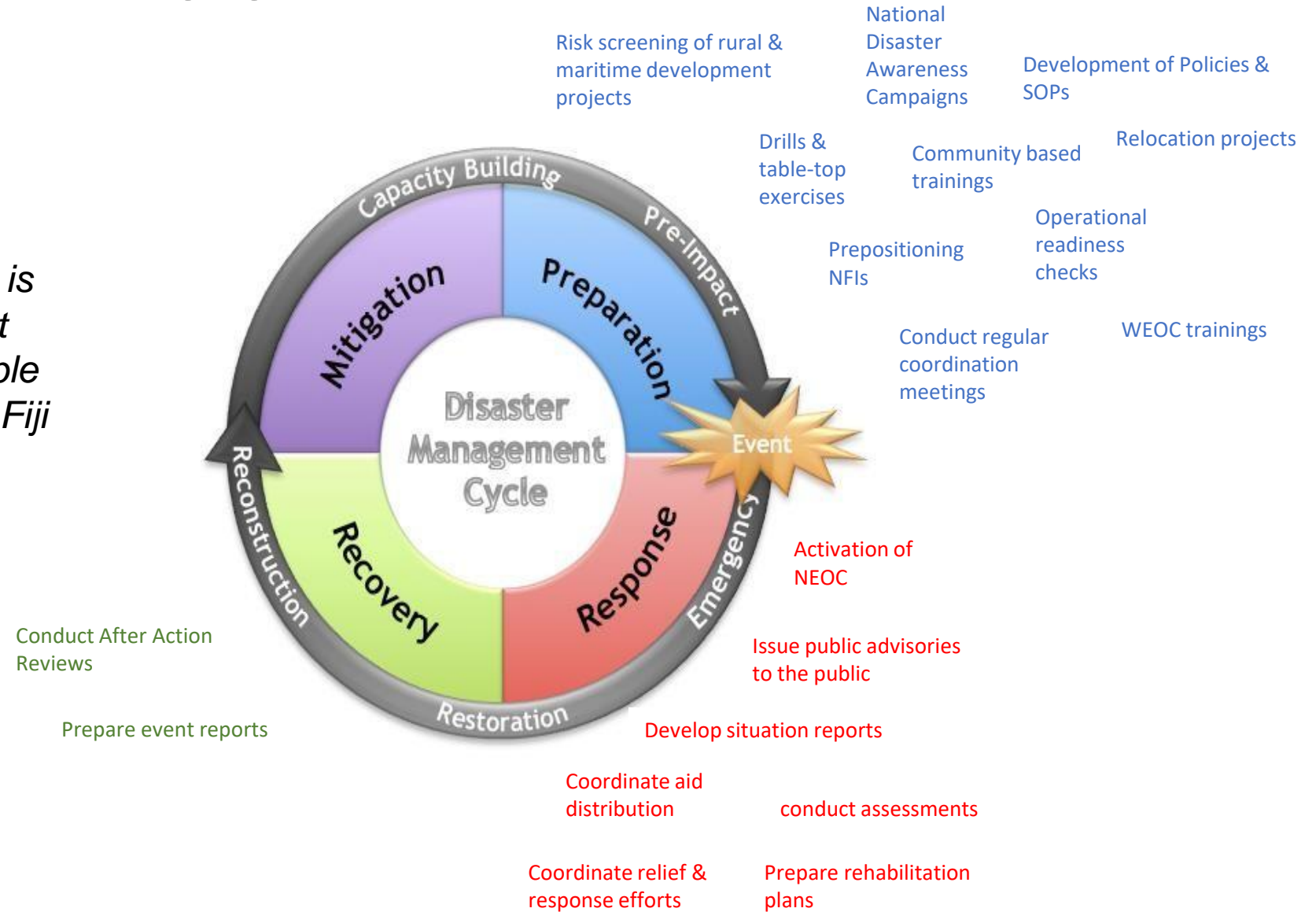
# OVERVIEW

1. Fiji's Disaster Management Structure
2. Key guiding documents
3. Key activities undertaken by NDMO



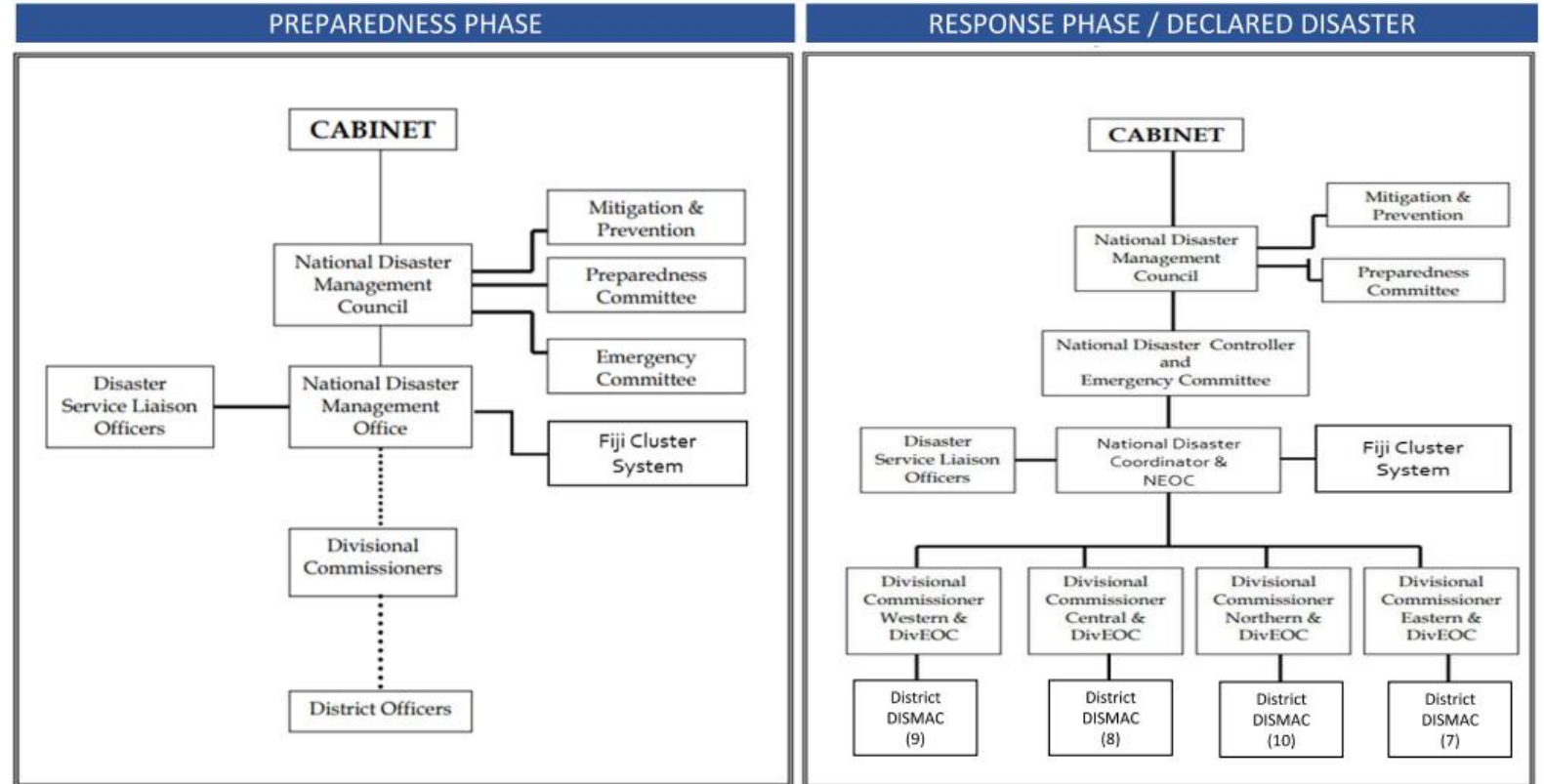
# DISASTER MANAGEMENT CYCLE

- The National Disaster Management Office (NDMO) is the designated Government Organisation that is responsible for disaster related matters in Fiji*



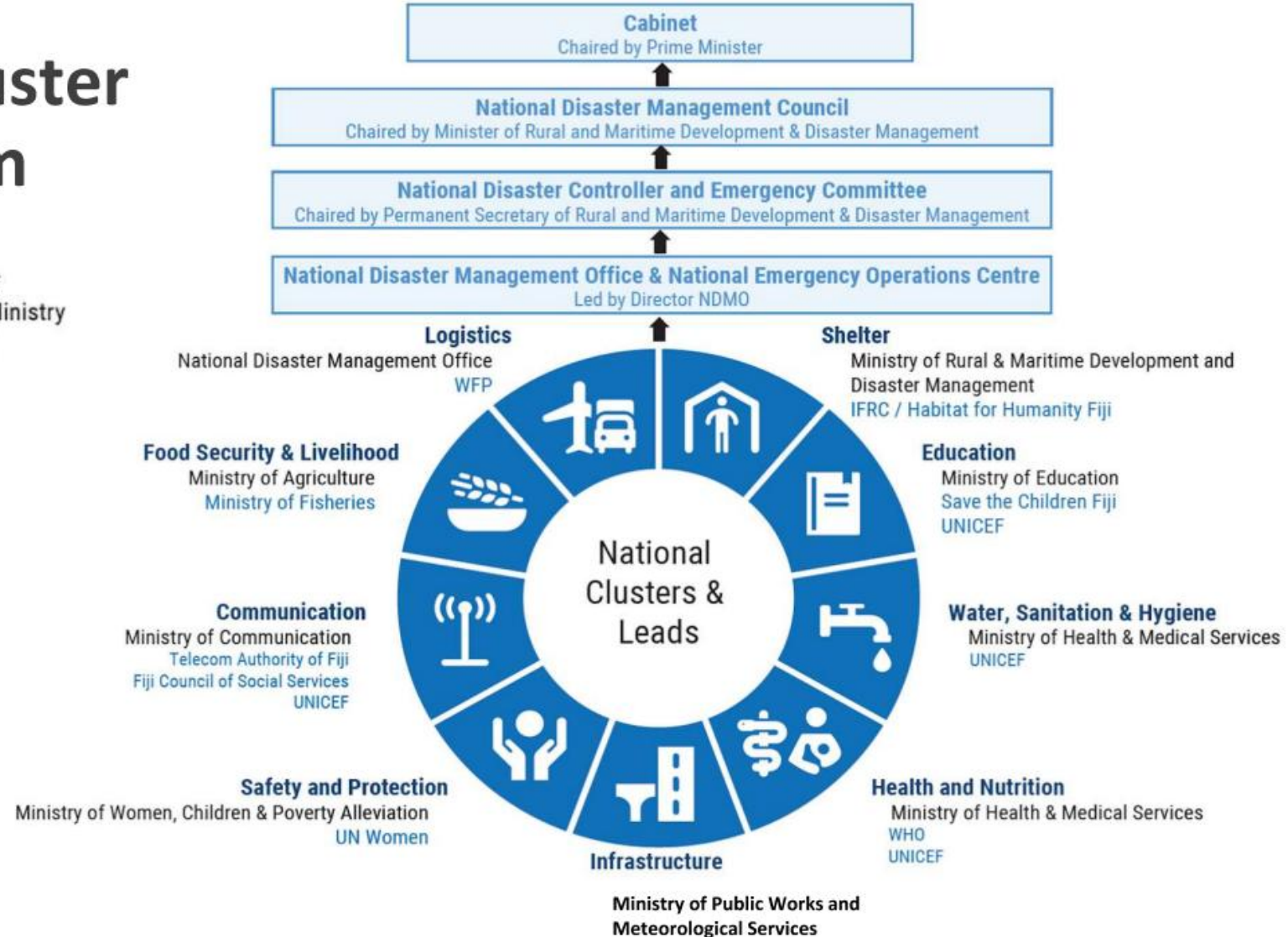


# Fiji DRM Structure



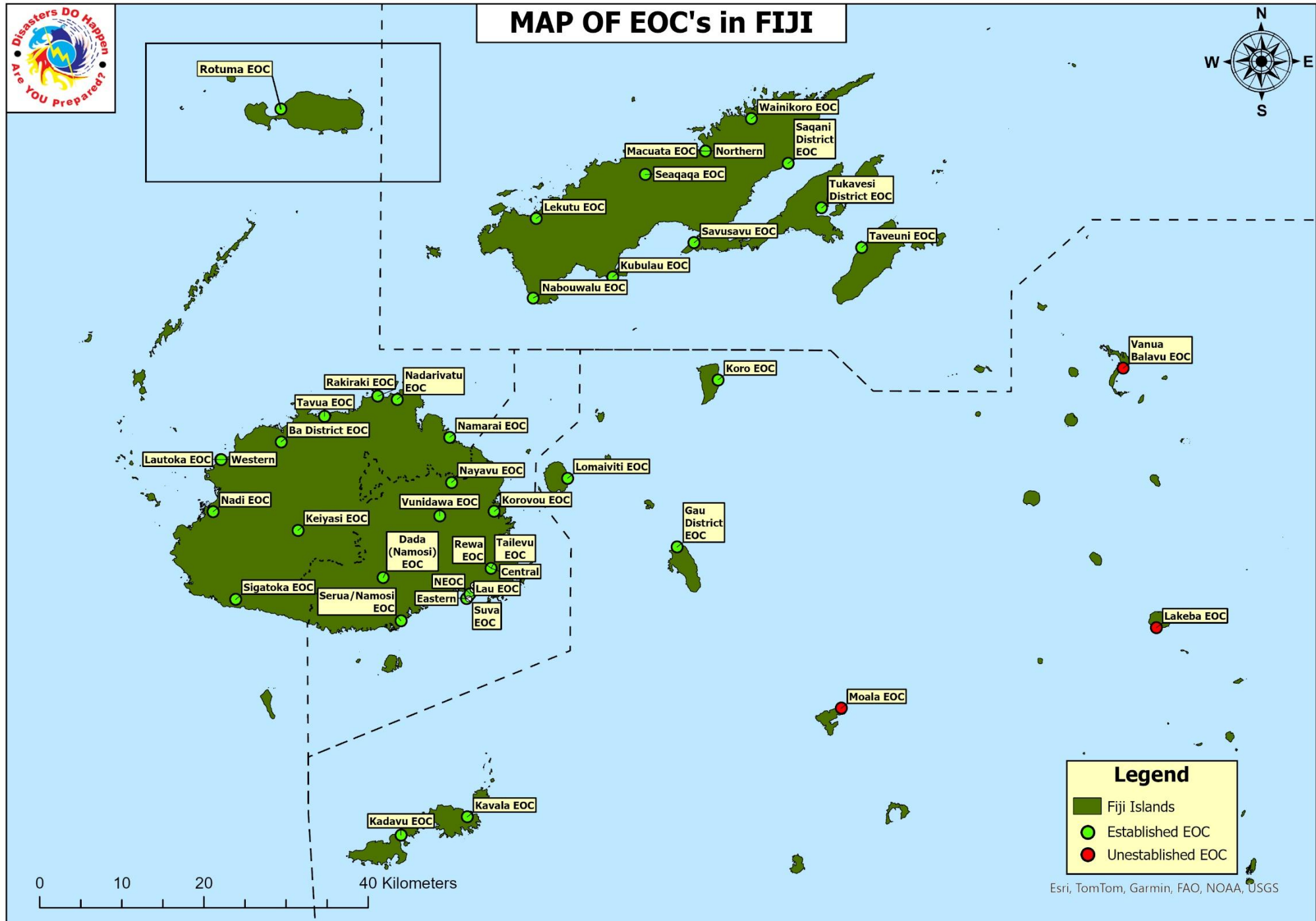
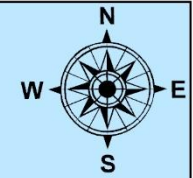
# Fiji Cluster System

- National Cluster
- National Lead Ministry
- Cluster Co-lead





# MAP OF EOC's in FIJI





## HYDRO-METEROLOGICAL

- Cyclone
- Storm Wind
- Heavy Rain
- Flood
- Storm Surge
- LandSlide

## GEOLOGICAL/GEOPHYSICAL

- Earthquake
- Tsunami
- Volcanic eruption
- Landslide

## BIOLOGICAL

- Epidemic and/or outbreak of contagious disease
- Unknown disease outbreak
- Epidemic

## HUMAN-INDUCED/TECHNOLOGICAL

- Environmental contamination
- Oil Spill
- Chemical leak
- Big Industrial fire
- Major traffic accident
- Cruise ship accident
- CO2 emission
- Electrical shock
- Forest fire

## CLIMATOLOGICAL

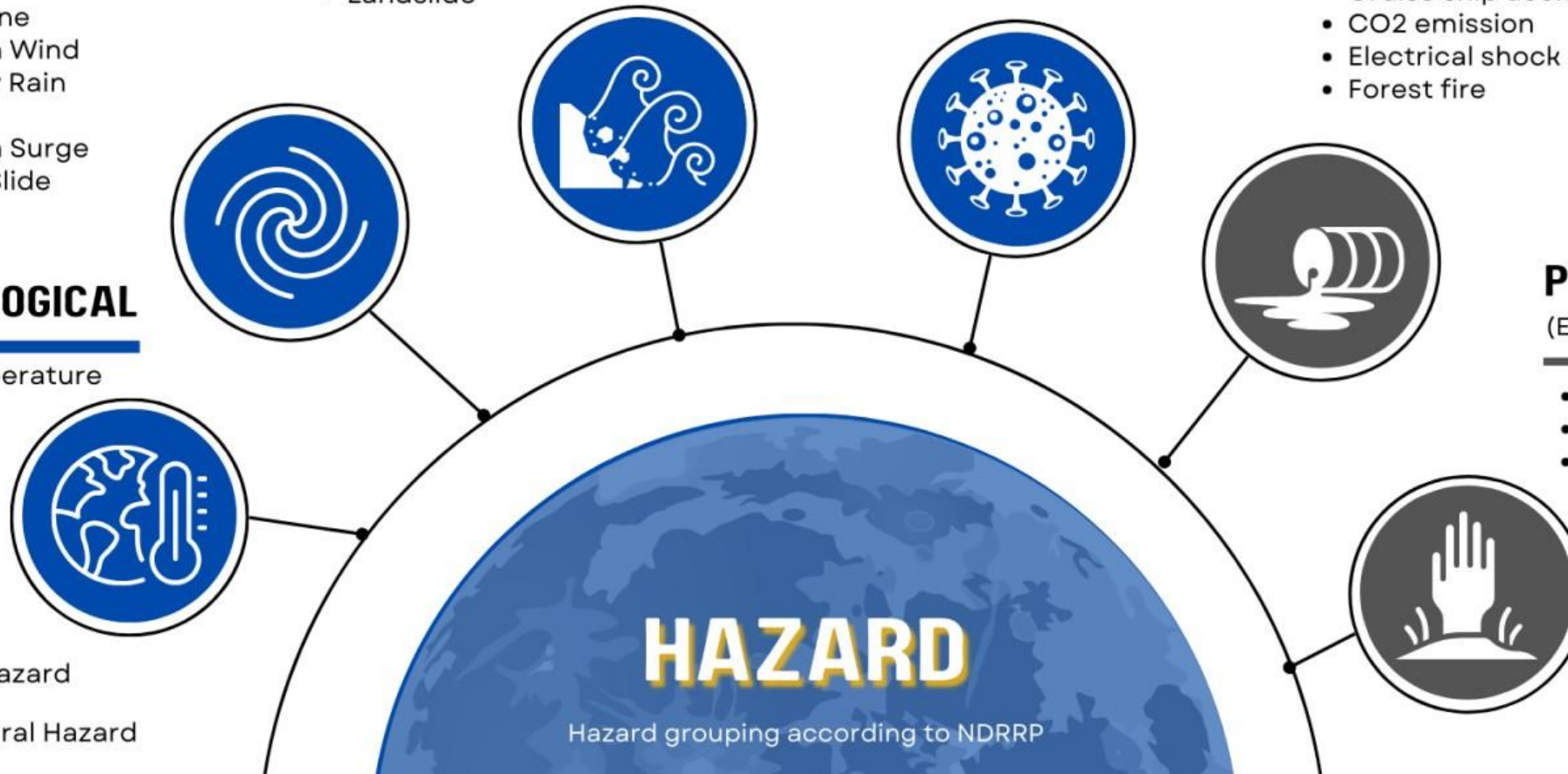
- Rising Temperature

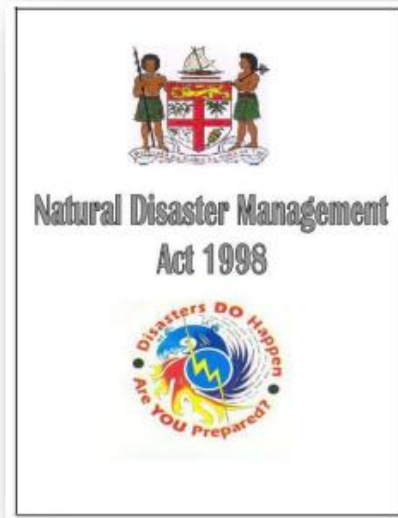
## POLITICAL

(Excluded in the NDRRP)

- Civil unrest
- Terrorism
- War

- Natural Hazard
- Non-Natural Hazard





*The Natural Disaster Management Act, 1998*



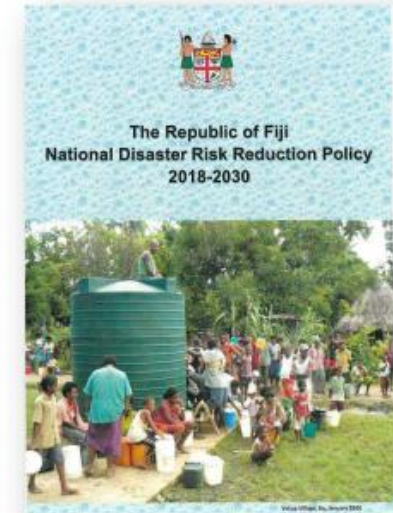
*The National Disaster Risk Management Act 2024*



*National Disaster Management Plan, 1995*



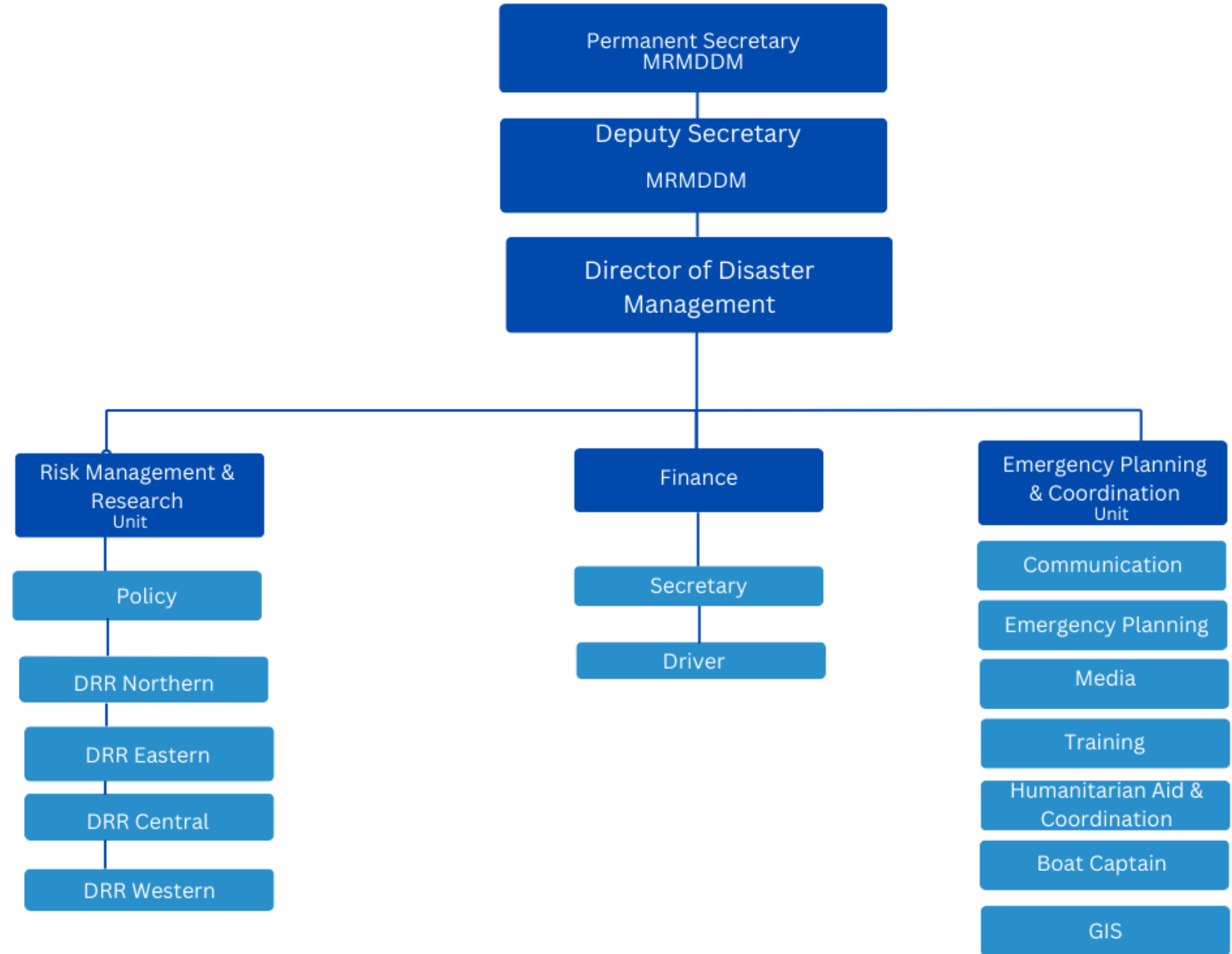
*The National Humanitarian Policy for Disaster Risk Management, 2017*



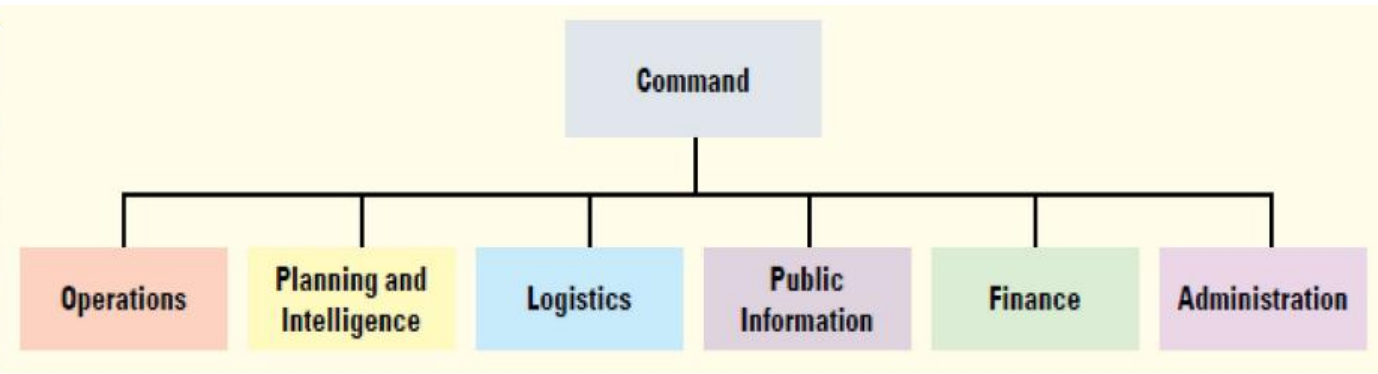
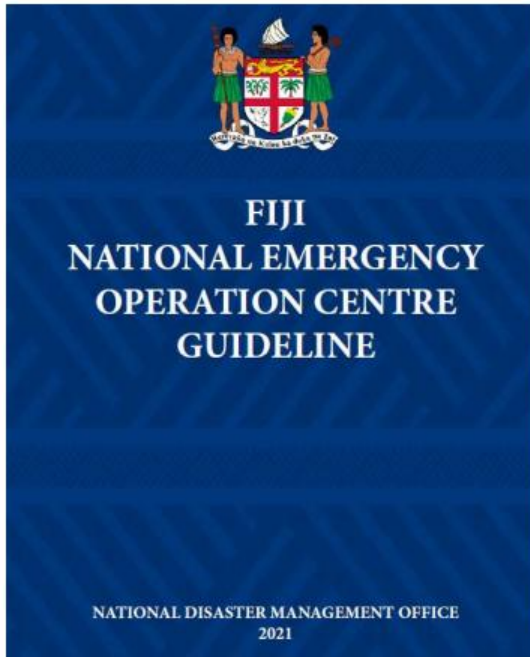
*The National Disaster Risk Reduction Policy (NDRRP), 2018-2030*

# Disaster Management Legal Framework and Policies

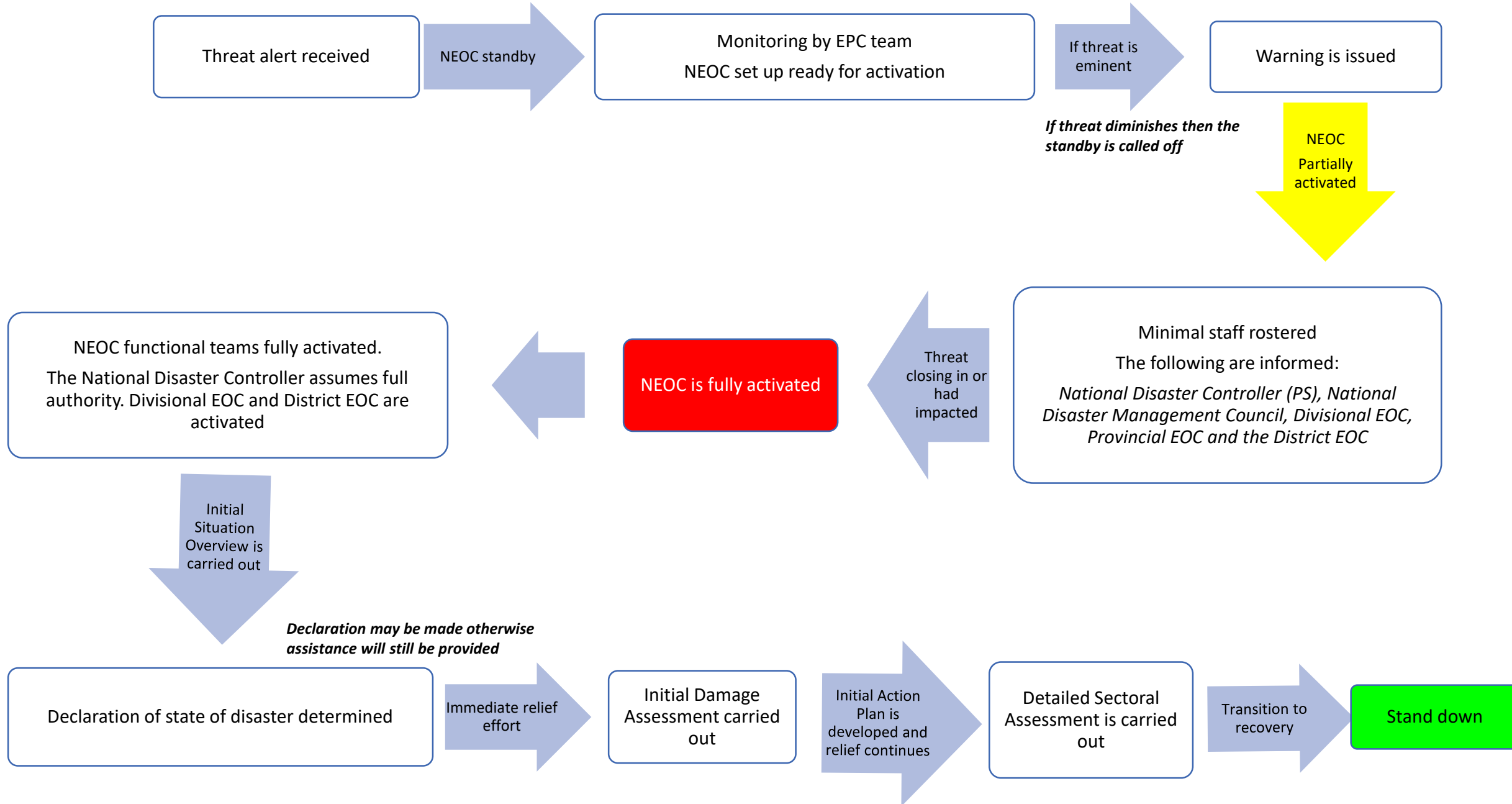
# NDMO Organization Structure



# National Emergency Operations Centre (NEOC Structure)



# NEOC Activation Process



# Warning Agencies

Warning agencies are those that are mandated by law to monitor, analyse, and disseminate alerts about potential or ongoing hazards. Their primary function is to provide early warning to governments, emergency responders and the public.

Hazard	EWS Mediums	Agency Responsible	Supporting Agencies
Cyclone	Radio bulletins, TV bulletins, RT communications, SMS	Fiji Meteorological Services	NDMO
Earthquake	Radio bulletins, TV bulletins, RT communications, SMS	Mineral Resources Department	NDMO
Tsunami	Radio bulletins, TV bulletins, RT communications, Siren alerts, SMS	Mineral Resources Department	NDMO
Floods	Radio bulletins, TV bulletins, RT communications, SMS	Fiji Meteorological Services	NDMO, Fiji Meteorological Services, Police
Landslide	Radio bulletins, TV bulletins, RT communications, SMS	Mineral Resources Department	NDMO, Ministry of Works
Drought	Radio bulletins, TV bulletins	Fiji Meteorological Services	Mineral Resources Department, and Ministry of Agriculture
Fire	Fire alarms, Radio bulletins, TV bulletins, RT communications	National Fire Authority	Police, NDMO, Ministry of Fisheries and Forests
Oil/ Hazardous Materials Spill – Land	Radio bulletins, TV bulletins, RT communications	National Fire Authority	Ministry of Environment
Oil/ Hazardous Materials Spill - Marine	Radio bulletins, TV bulletins, RT communications	MSAF	Police,
Public health crisis	Radio bulletins, TV bulletins, newspaper advertisements and supplements	Ministry of Health	NDMO
Invasive species	Radio bulletins, TV bulletins, newspaper advertisements and supplements	Biosecurity Authority of Fiji	NDMO

# Activities and Capabilities



**National Disaster Risk Management Bill**



**National Humanitarian Policy Review**



**Gender & Inclusion**



**Multi-Hazard Early Warning-EWS 4 All**



**Mainstreaming Disaster Risk Reduction Program**



**Evacuation Centre Management Guideline**



**Evacuation Centre Construction**

# Emergency, Planning & Coordination



Anticipatory Action Framework



Flood Warning System



National Disaster Awareness Week



Community (and School) Based Disaster Risk Management

## Emergency, Planning & Coordination (2)



National Emergency Response Team / Surge Capacity



Emergency Operations Centre (EOC) Training



Civil-Military Coordination



Emergency Telecommunication Training

# Tsunami Preparedness

- Total of 13 Tsunami Sirens
- Tsunami Siren Tests 5<sup>th</sup> of every month
- Tsunami Signage installed at safe locations and evacuation routes
- Tsunami drills are conducted at least once a year during the World Tsunami Awareness Day



# Emergency Telecommunications Capabilities



## Satellite Communications



## High Frequency Radio



## Early Warning System





# Prepositioning NFIs and Assets in National & Divisional Warehouses



# National Emergency Response Team

## Purpose & Core Function

1



Provide surge capacity to the NEOC and Sub-National Government in Managing/Conducting Response Operations

2



Mechanism for the government to provide humanitarian assistance overseas



Assessment & Analysis



Response Planning



Coordination

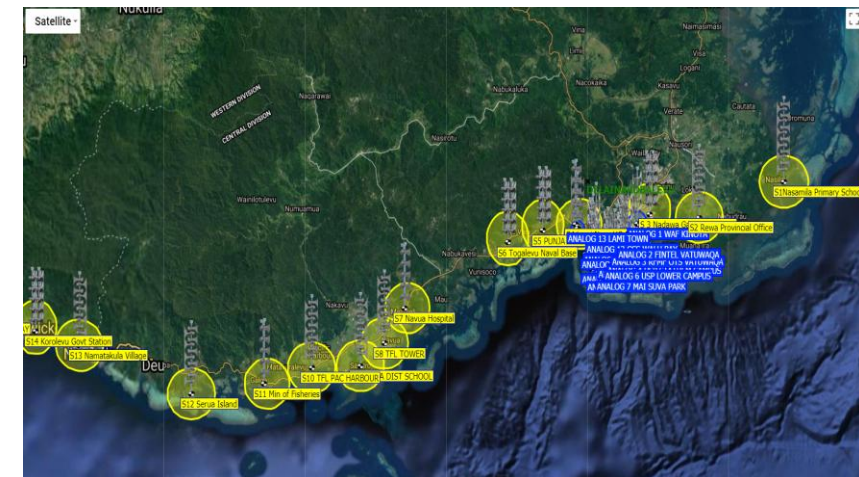


Facilitation of relief assistance

Approved by the Cabinet on April 2023

# Ongoing Initiatives

- Government of Japan's Grant Aid: Tsunami Siren Extension Project
- JICA: Formulation of Local DRR plans (Western and Central Division)
- National Disaster Management Institute of the Republic of Korea- Flood Early Warning System
- United Nations-International Organization for Migration: Evacuation Centre Management and Retrofitting
- United Nations Disaster Risk Reduction: Multi-Hazard Early Warning for All initiative and Sendai Framework Reporting
- United Nations Office for Coordination of Humanitarian Assistance: Information Management
- Ministry of Foreign Affairs and Trade: technical support and assistance on a Digital Asset Management System and the Construction of a prepositioning warehouse for the Northern Division



## NDAW 2023 SNAPSHOT





# THANK YOU!



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