



NATIONALLY INTEGRATED GEOSPATIAL INFORMATION MANAGEMENT

“The Data Ecosystem for Sustainable Development”

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Ministry of Lands & Natural Resources
Kingdom of Tonga



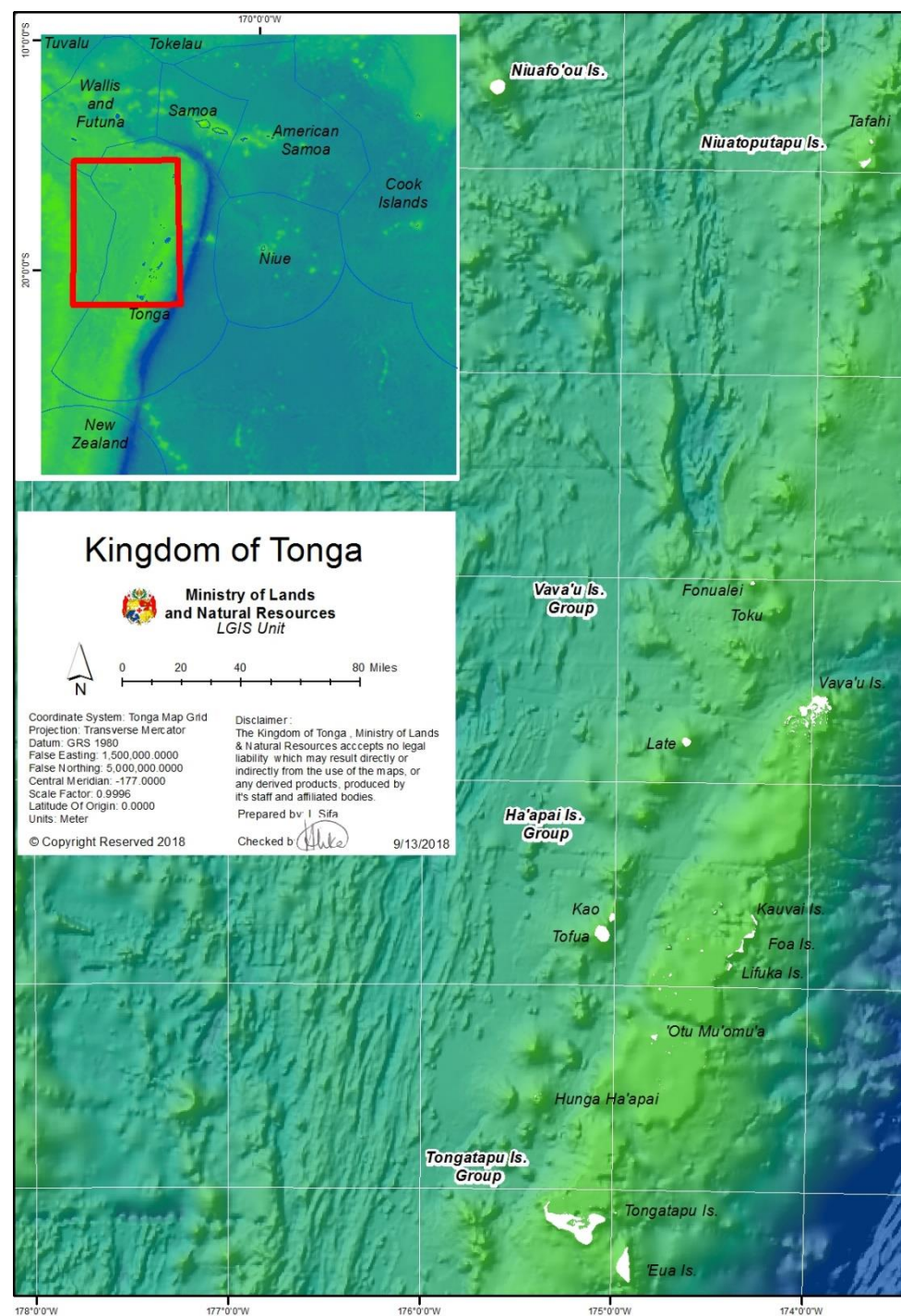
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11TH TRANCHE DEVELOPMENT ACCOUNT PROJECT

STRENGTHENING GEOSPATIAL INFORMATION MANAGEMENT IN DEVELOPING COUNTRIES
TOWARDS IMPLEMENTING THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT
(PROJECT 1819D)

BACKGROUND

- Geographical Location
 - NE of NZ and E of Fiji
- Population
 - 100,000
- Land & Marine Areas
 - EEZ – 700,000 sqkm
 - Land mass – 706sqkm
- Natural Resources
 - Agriculture
 - Fishing
 - Sea bed minerals (under exploration)



CURRENT NATIONAL IGIM

- Land Geographical Information Services (LGIS Unit) established in 2001 to date- under MLNR
- Data are collected based on village/relative location and less location-based or GPS location.
- Mode of Services-Paper-based and electronic information
- First national GIS awareness program/workshop held in July, 2019.
- Currently drafting the Country Action Plan



NATIONAL STRATEGIC DRIVERS

INTERNATIONAL



REGIONAL

THE FRAMEWORK FOR
PACIFIC REGIONALISM

2014



Framework for Resilient
Development in the Pacific

2017 - 2030

NATIONAL

GOVERNMENT OF TONGA

JOINT NATIONAL ACTION PLAN 2 ON CLIMATE CHANGE
AND DISASTER RISK MANAGEMENT (JNAP 2)
2018-2028



August 2018

Kingdom of Tonga

National Biodiversity
Strategy & Action
Plan

The 2018-2023 Tonga Digital Government Strategic Plan
"Building A More Progressive Tonga Supporting Higher Quality of
Life for All"

LOCAL



TONGA
National Infrastructure
Investment Plan
2013 -2023

Combine Utilities
Business Plan
2018 - 2022



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UN-GGIM
UNITED NATIONS GEOINFORMATION
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT



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IGIM - COUNTRY ACTION PLAN

- Vision

- *A higher quality of life for all Tongans supported by accessible, accurate and reliable integrated geospatial information.*

- Mission

- *Promote and support coordination and collaboration to achieve an integrated geospatial information management and leverage it as a decision and sustainable solutions to national needs and opportunities.*

GOALS & ACTIONS 2020 - 2025



FUTURE POTENTIAL OF IGIM

- EVIDENCE-BASED for Decision making
- Effective & efficient delivery of services
- Facilitate Data Sharing
- Enhance Accessibility to information via GIS applications
- Maximize partnership, coordination, and participation
- Tool for policy-makers and planners
- Timely, reliable and accurate information
- Fundamental tool for spatial problem solving.
- Expand knowledge and understanding about our planet



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