

**FIG PACIFIC ISLAND
DEVELOPING STATES
SYMPOSIUM.**

SUVA, FIJI.

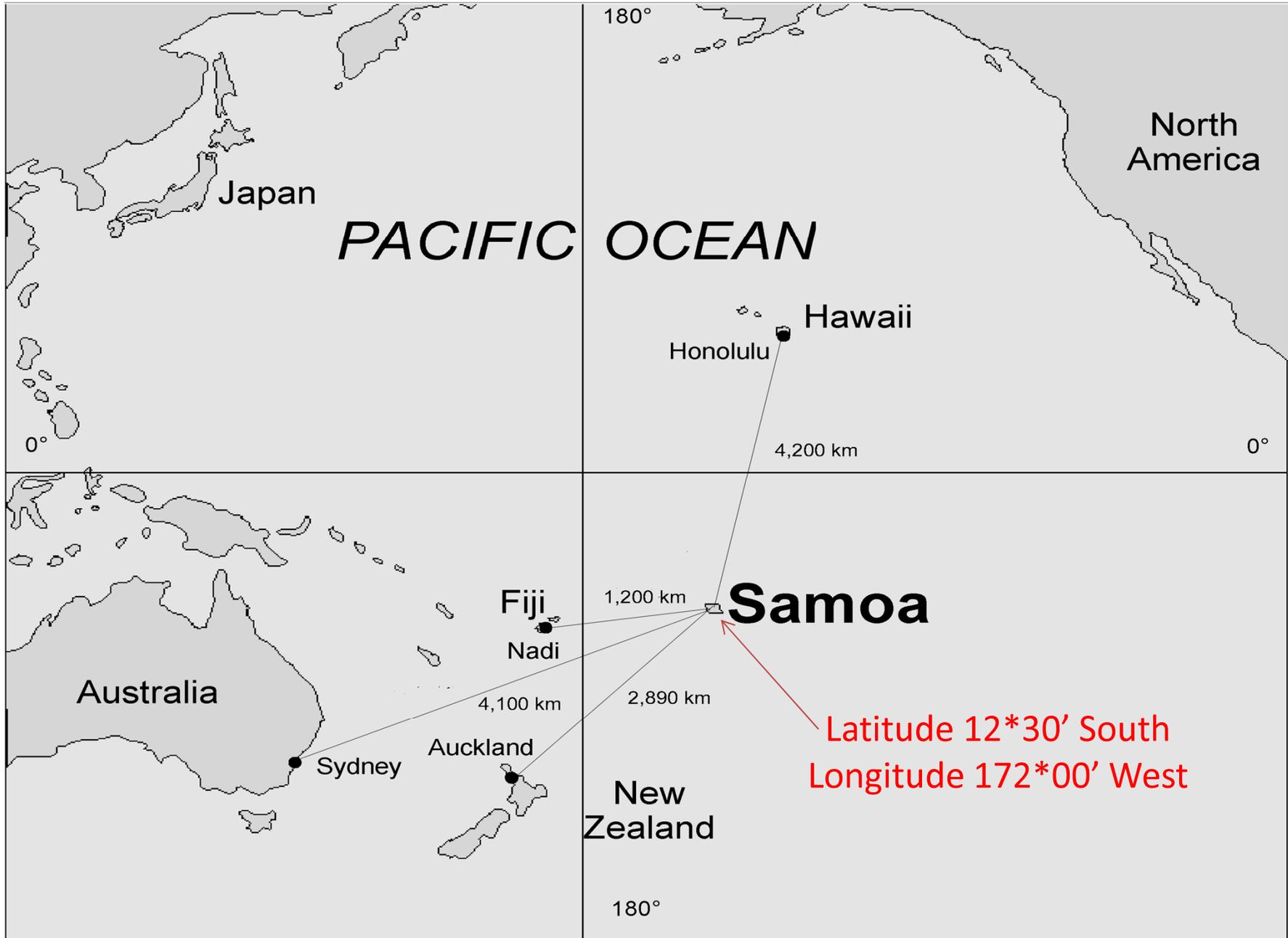
18-20 SEPTEMBER 2013

**STATUS OF GEODETIC
INFRASTRUCTURE IN SAMOA
(NATIONAL MAPPING)**

Presentation Overview:

- Location of Samoa
- Existing Geodetic Infrastructure in Samoa
 - Geodetic Datum.
 - Mapping Capacity (level of knowledge, resources, equipment, experience, software etc..)
 - Linkage of land information to geodetic datum.
- Advantage of Geodetic infrastructure.
 - IMPROVE MAPS PRODUCTION/ACCURATE
 - EARLY RESPOND TO DISASTER SITES, etc.....

Location Map of Samoa



AREA

- **1097 sq miles**
- **or**
- **284,123 hectares**

POPULATION

- **Male: 96,137**
- **Female: 90,203**

TOTAL= 186,340

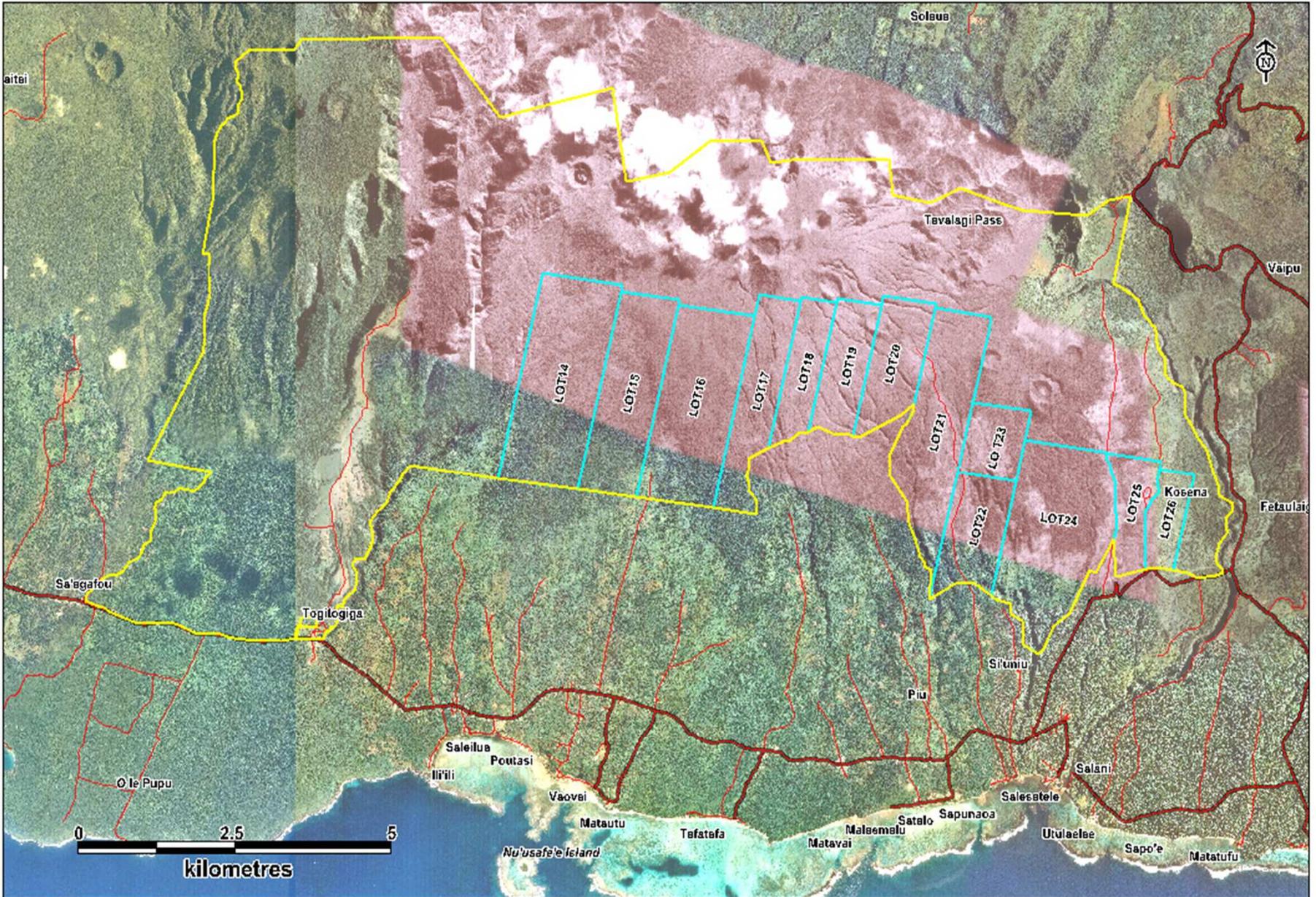
LAND TENURE

- **CUSTOMARY LAND – 81%**
- **FREEHOLD LAND – 8%**
- **GOVERNMENT LAND – 11%**

WHY?, HOW?, WHEN? WHO?

- **ACCURATE MAPS FROM GEOSPATIAL DATA.**
- **GEOGRAPHIC INFORMATION SYSTEM & GLOBAL POSITION SYSTEM APPLICATIONS (GIS/GPS)**
- **TECHNICAL SUPPORT FOR THE SUSTAINABLE DEVELOPMENT OF NATURAL RESOURCES & DISASTER MAPPING RESPOND.**
- **FOR GOOD GOVERNANCE, POLICY & DECISION MAKERS AND SUSTAINABLE INFRASTRUCTURES PLANNER.**

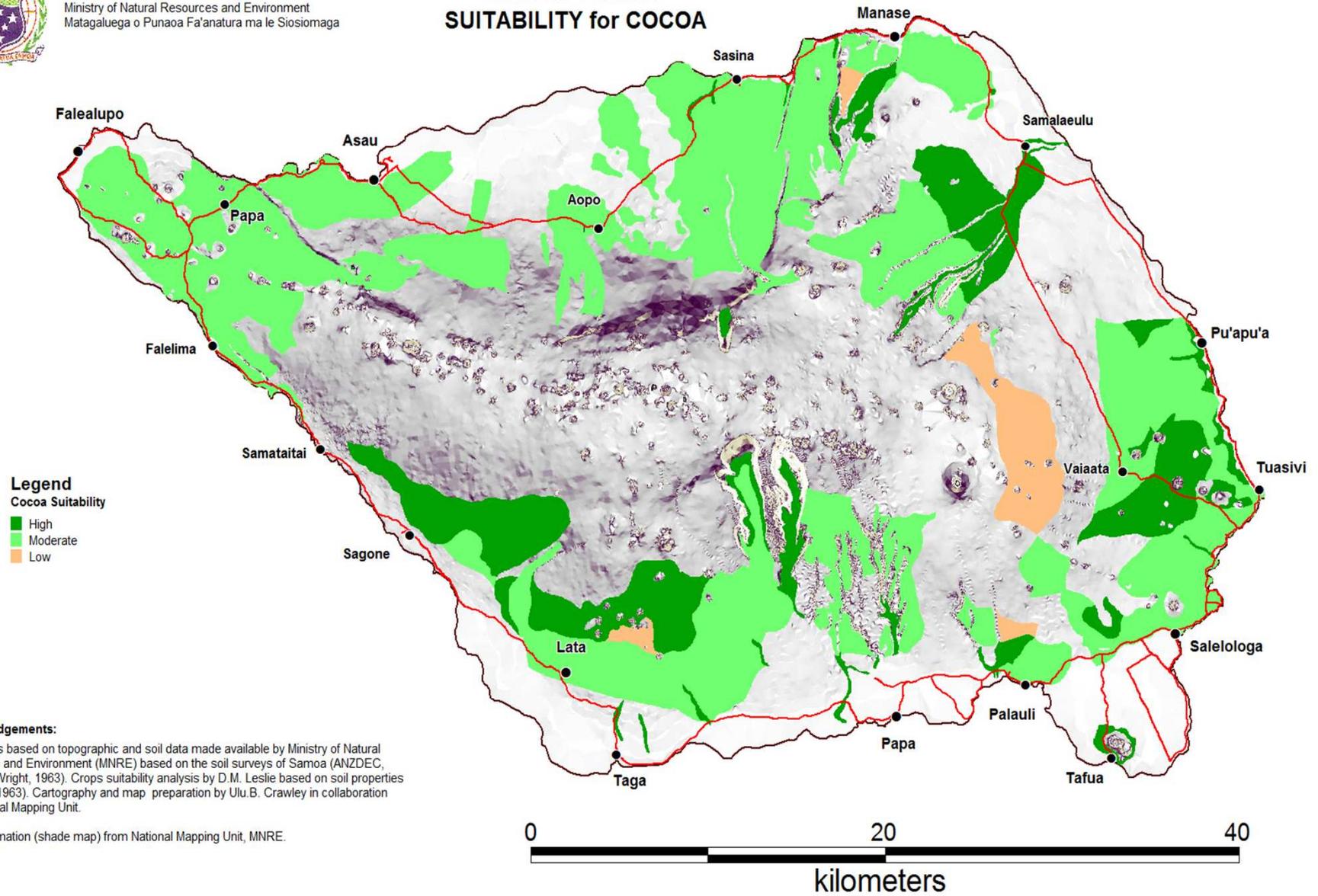
- **Main base data layers**
- **Aerial photographs**
- **Satellite imageries**
- **Ground truthing/field check**
- **Data collection**
- **Land tenure on aerial photos/imageries**
- **GIS and GPS application for maps production.**
- **Permanent Control of survey marks**
- **Assist schools, stakeholders and other organizations for mapping issue**



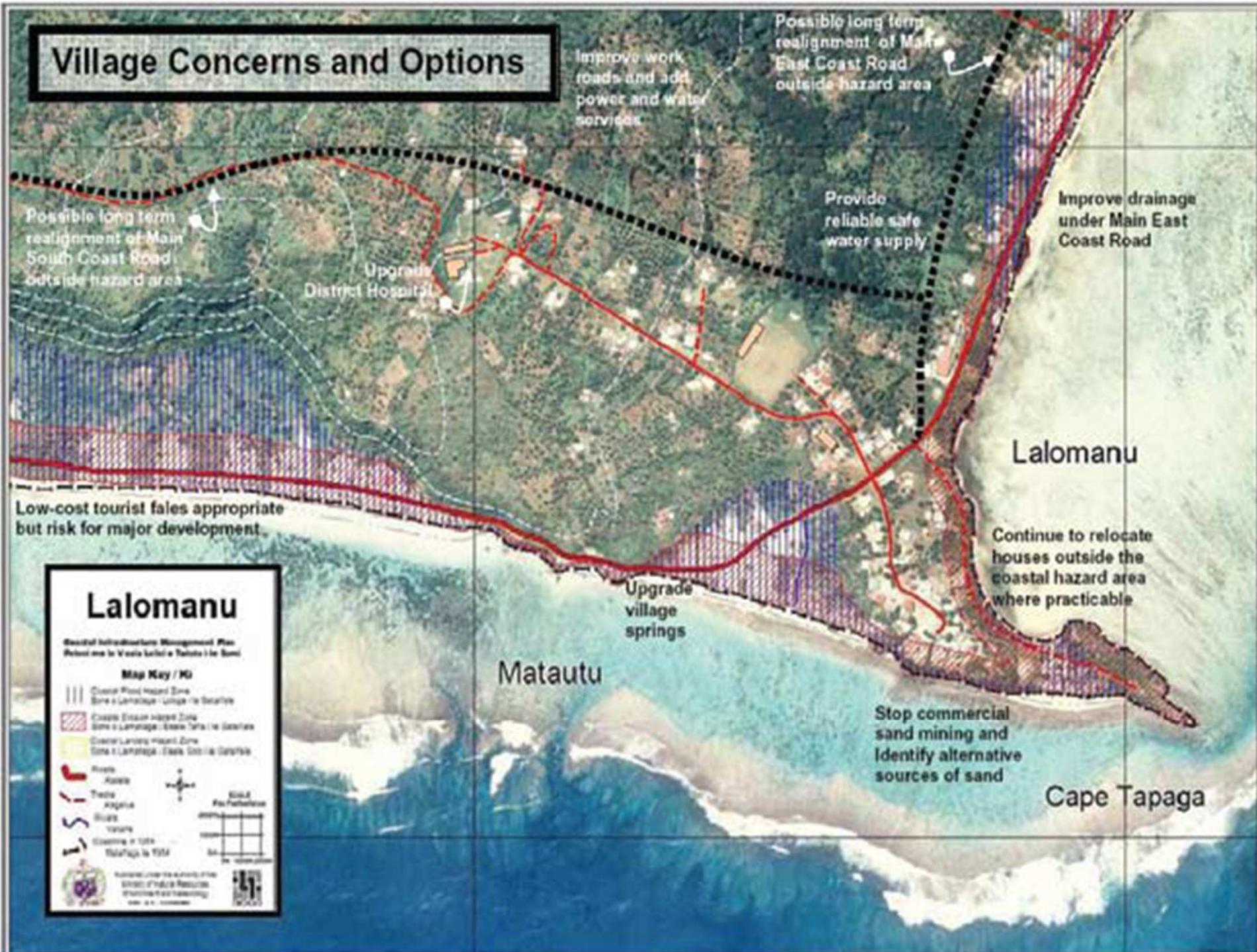


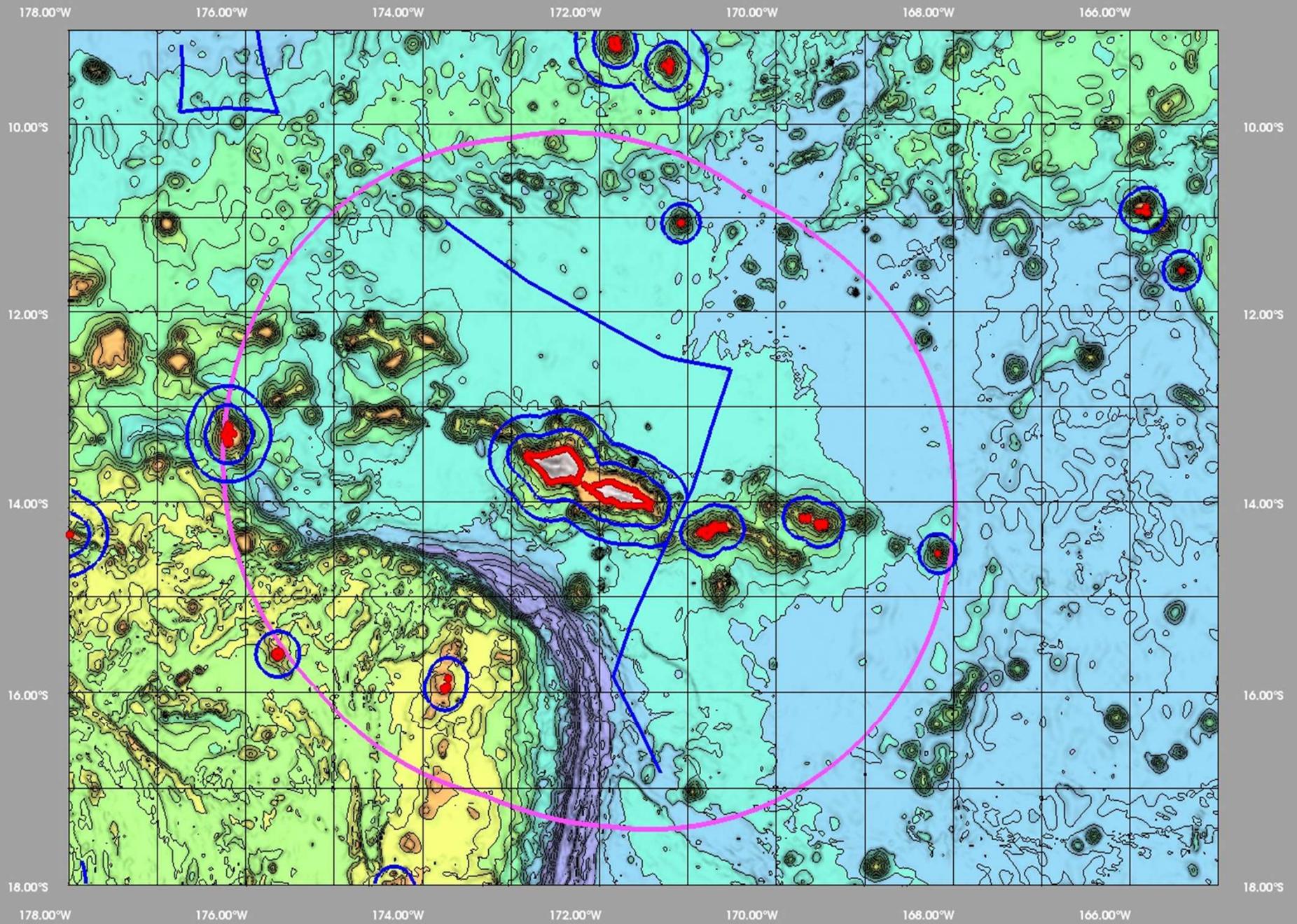
Ministry of Natural Resources and Environment
Matagaluega o Punaoa Fa'anatura ma le Siosiomaga

SAVAI'I ISLAND SUITABILITY for COCOA



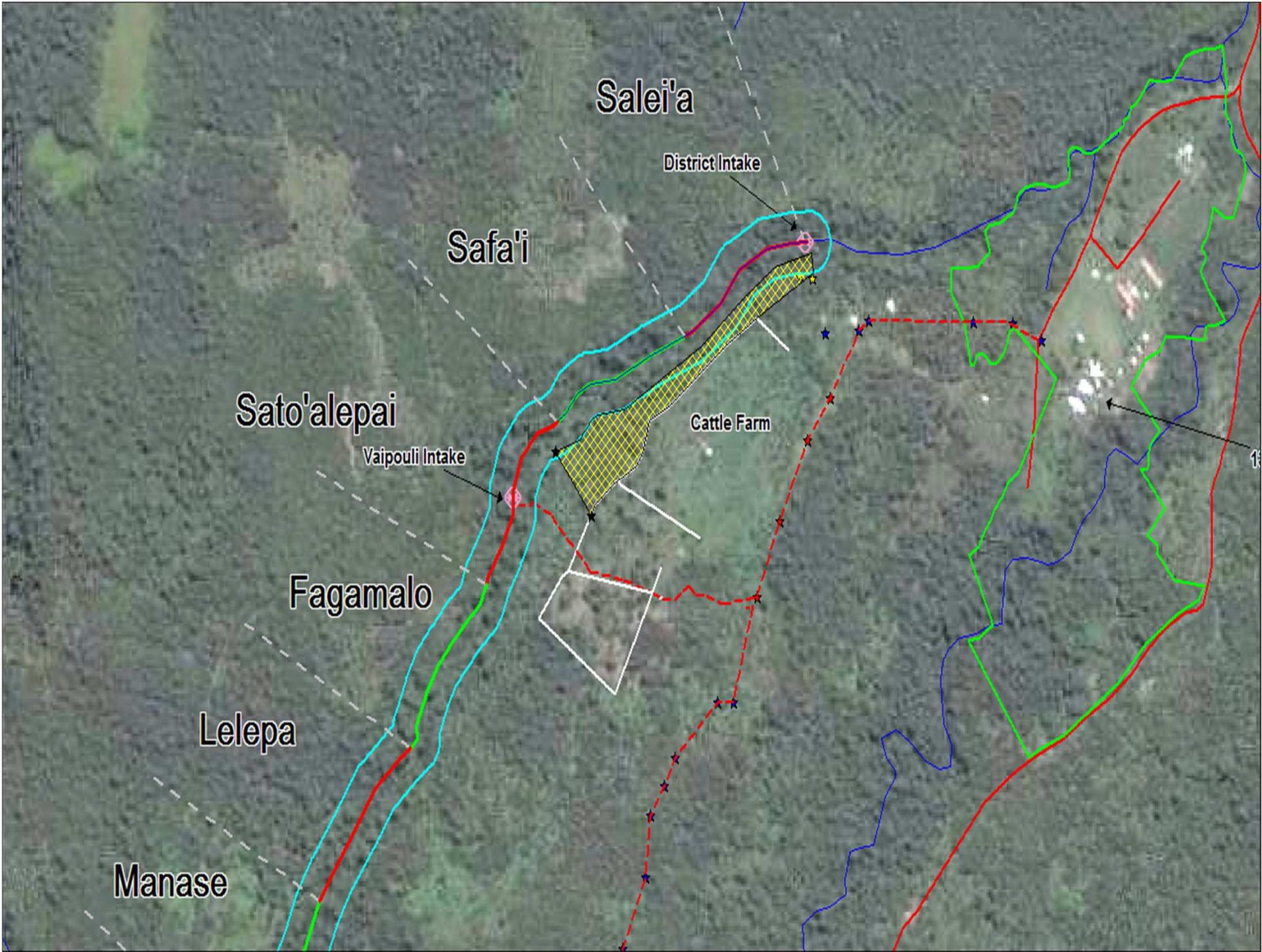
Village Concerns and Options

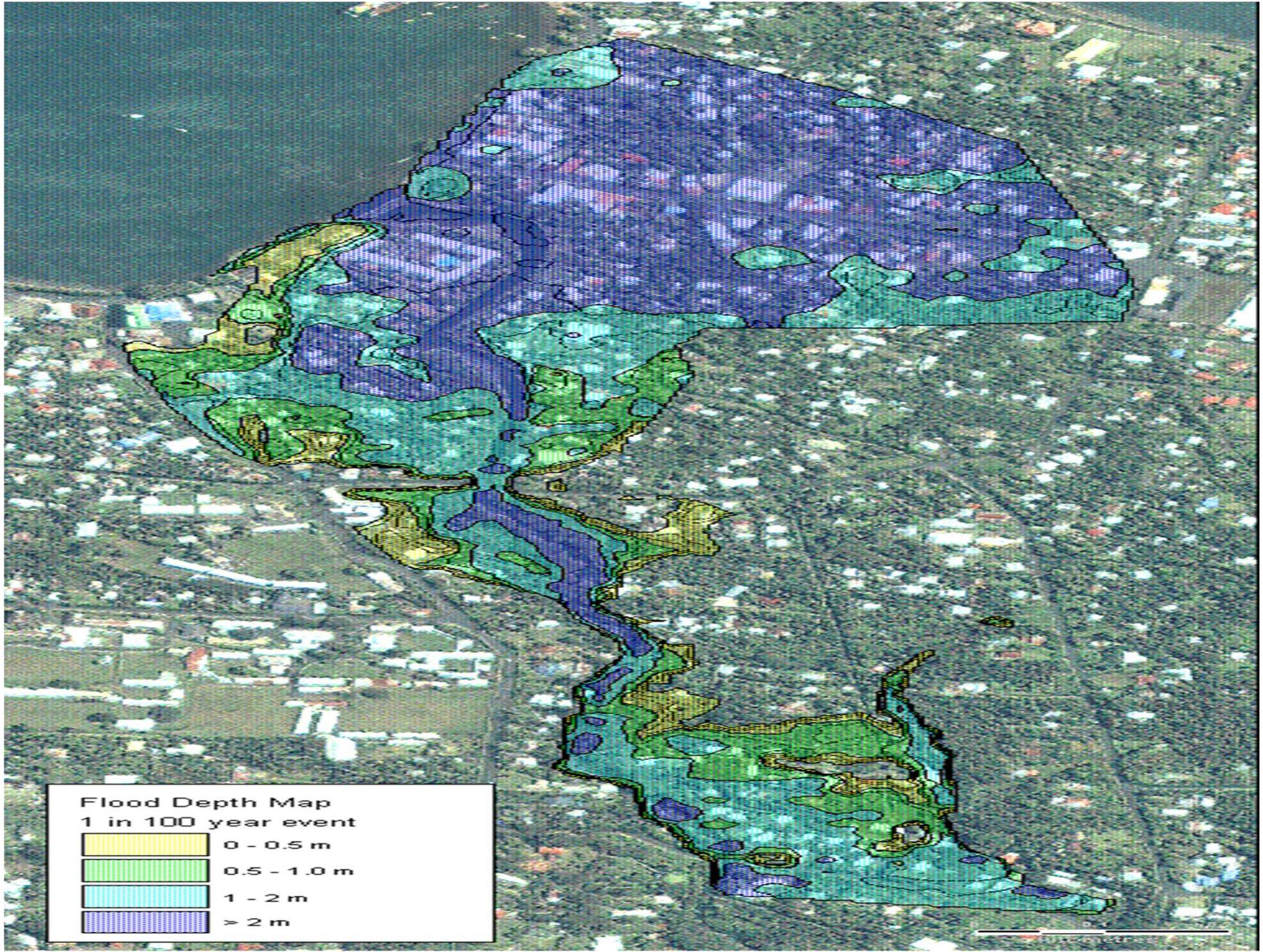


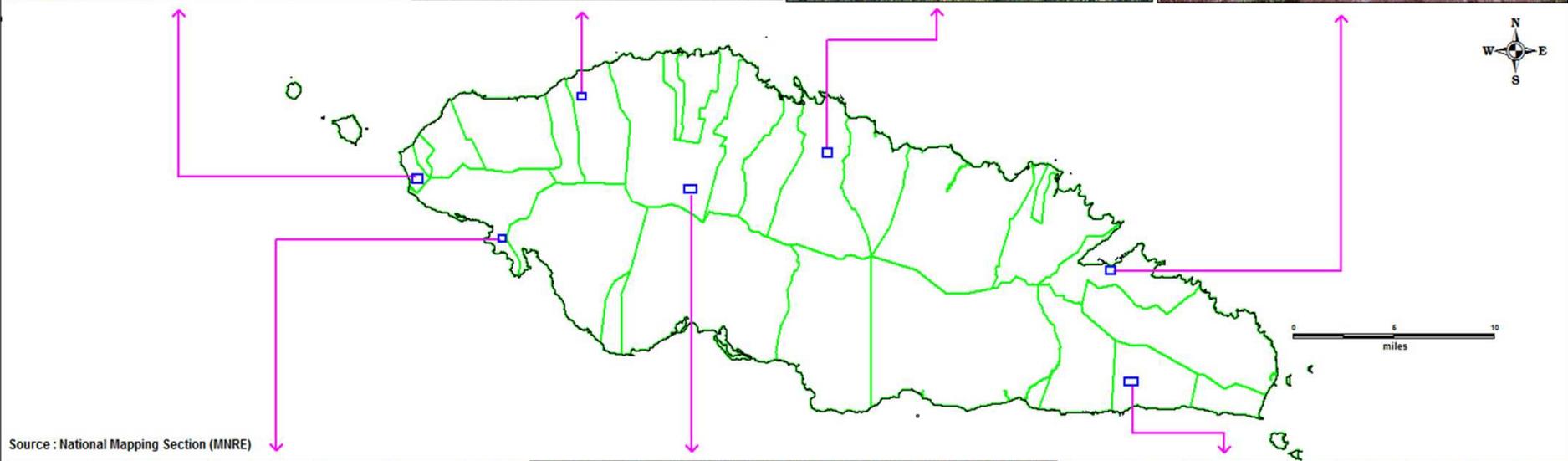












Source : National Mapping Section (MNRE)



FA'AFETAI TELE

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Technical Division

Ministry of Natural Resources and Environment

SAMOA