



AND **Locate25** | **G**
THE NATIONAL GEOSPATIAL CONFERENCE

Presented at the FIG Working Week 2025,
6-10 April 2025 in Brisbane, Australia
FIG **Geospatial**
Council of Australia

Collaboration, Innovation and Resilience: Championing a Digital Generation

Brisbane, Australia 6-10 April

Empowering the Pacific: Building Capacity and Inspiring a New Generation



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Empowering the Pacific: Building Capacity and Inspiring a New Generation

Introduction



VCSP

- In July 2017 Volunteer Community Surveyor Program (VCSP) Launched
- Volunteer program for young surveyors, giving them the opportunity to volunteer their time & skills for humanitarian and environmental causes



Volunteer Community Surveyor Program

An initiative of UN-Habitat GLTN and FIG Young Surveyors Network



VCSP



Marshall Islands

Urban Resilience Project, funded by the World Bank, comprised of 4 components. These included:

- Risk Informed Urban Planning;
- Coastal Resilience Investments;
- Resilient Public Facilities; and
- Project Management and Implementation Support.

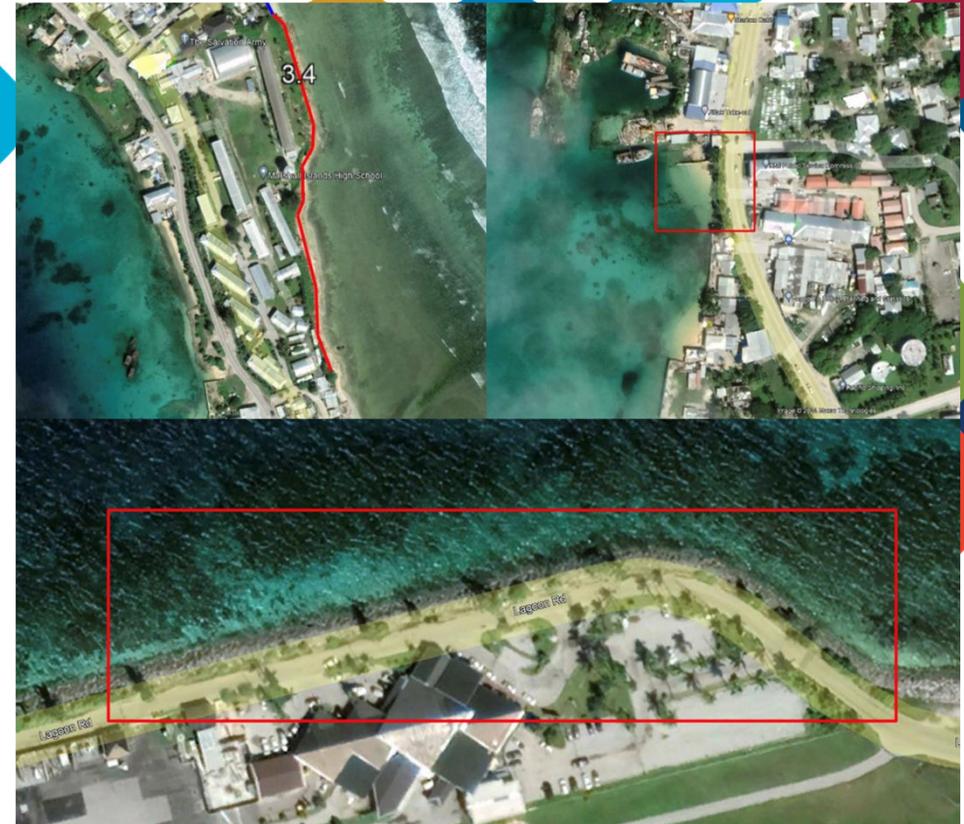


Marshall Islands

- Objective: strengthen the resilience of urban areas to the impacts of natural hazards and climate change
- Topographic survey for component 2 of the project.
- The survey component of this project focussed on 3 sites;
 1. Marshall Islands High School
 2. Eletutu Beach site
 3. Airport Terminal.



Sites



Local Surveyors

- The Ministry of Works, Infrastructure & Utilities helped with facilitating out work
- Human resources
- Information on Benchmarks
- Cadastral surveys



Local Surveyors

- Knowledge sharing
- Interacting with local surveyors
- Mutual benefits
 - Utilise their local knowledge
 - Leave something of benefit to them





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Tokelau



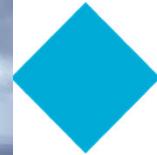
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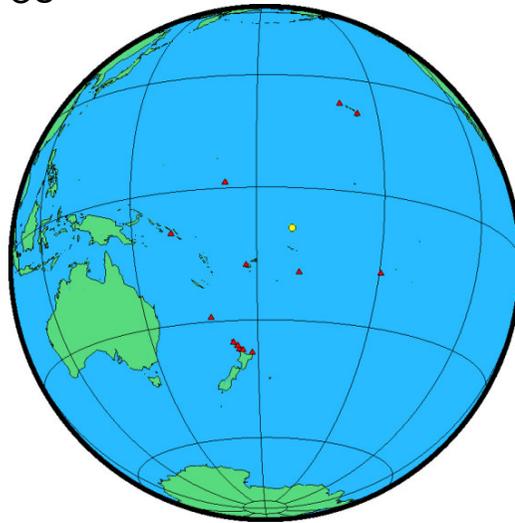




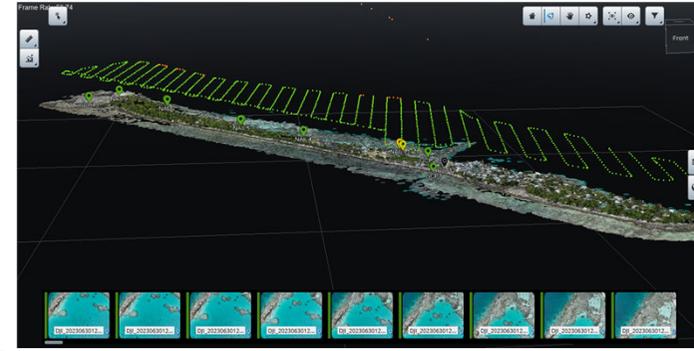
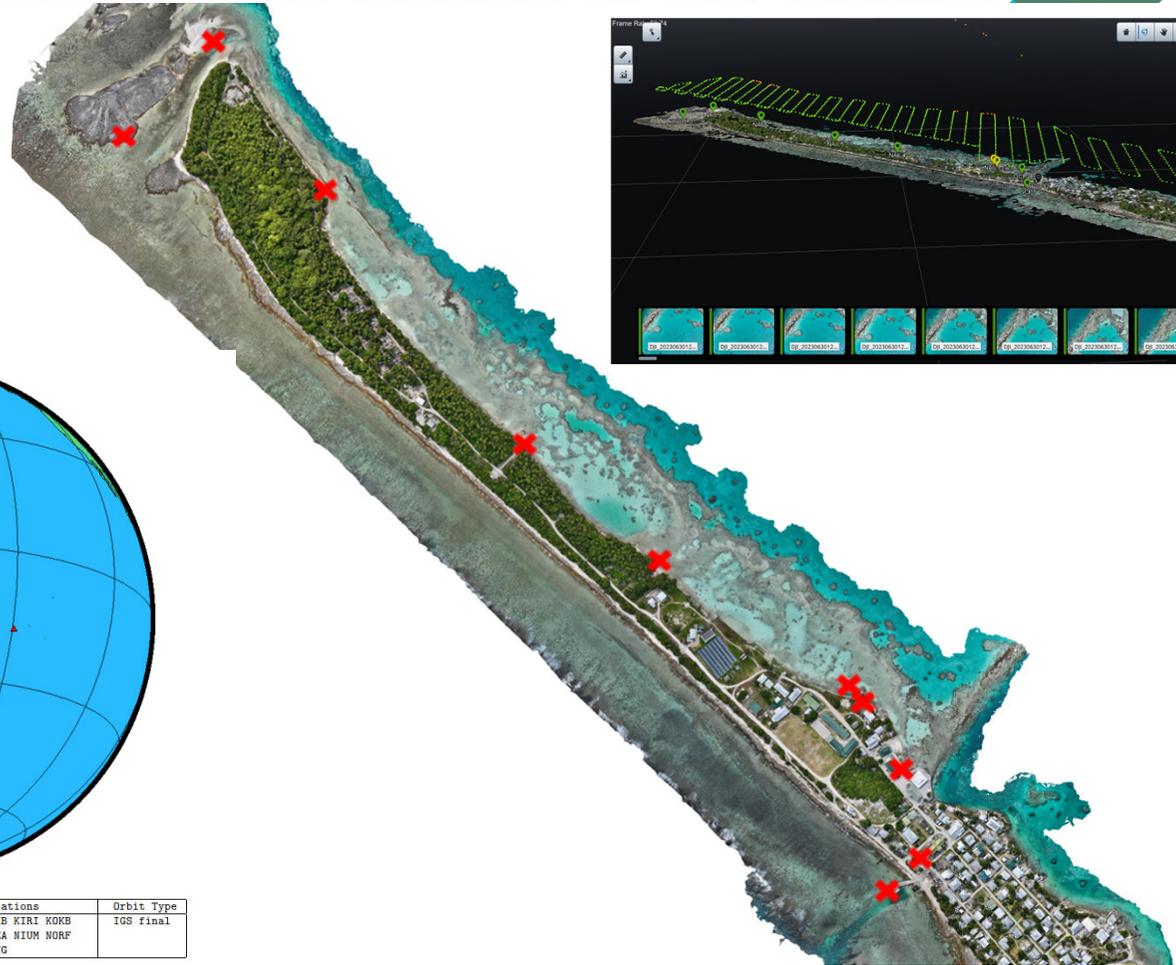


Survey Control

- Establishing Control Network
- Relative accuracies and GNSS methods
- Post processing using AUSPOS



Date	User Stations	Reference Stations	Orbit Type
2023/06/29 19:11:30	NAIL	AUCK CORM HIKB KIRI ROKB KTIA LAUT HKEA NIUM NORP SOLD THYG WHNG	IGS final





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Environmental and Social impacts





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The most relevant SDGs related to the presentation and theme of this session

1st relevant SDG



2nd relevant SDG



3rd relevant SDG



SUSTAINABLE DEVELOPMENT GOALS

International Federation of Surveyors supports the Sustainable Development Goals



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STEP 1: SELECT HERE THE THREE MOST RELEVANT SDGs
STEP 2: COPY THE SDG INTO PREVIOUS SLIDE

Grid of 17 Sustainable Development Goals (SDGs) with icons and titles: 1 NO POVERTY, 2 ZERO HUNGER, 3 GOOD HEALTH AND WELL-BEING, 4 QUALITY EDUCATION, 5 GENDER EQUALITY, 6 CLEAN WATER AND SANITATION, 7 AFFORDABLE AND CLEAN ENERGY, 8 DECENT WORK AND ECONOMIC GROWTH, 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE, 10 REDUCED INEQUALITIES, 11 SUSTAINABLE CITIES AND COMMUNITIES, 12 RESPONSIBLE CONSUMPTION AND PRODUCTION, 13 CLIMATE ACTION, 14 LIFE BELOW WATER, 15 LIFE ON LAND, 16 PEACE, JUSTICE AND STRONG INSTITUTIONS, 17 PARTNERSHIPS FOR THE GOALS.

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