



SPC
Secretariat
of the Pacific
Community



Marine and Coastal Biodiversity Management
in Pacific Island Countries



QBOOK MOODLE: A Year Down The Line: Progress, Challenges & Potential.



SPREP
Secretariat of the Pacific Regional
Environment Programme

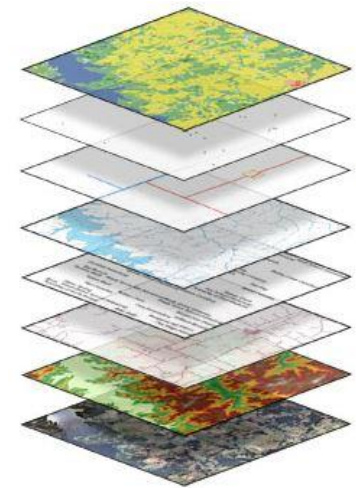


On behalf of:



Federal Ministry
for the Environment, Nature Conservation,
Building and Nuclear Safety

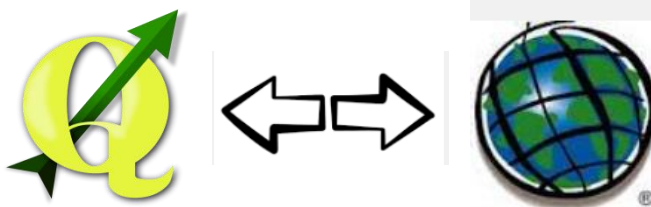
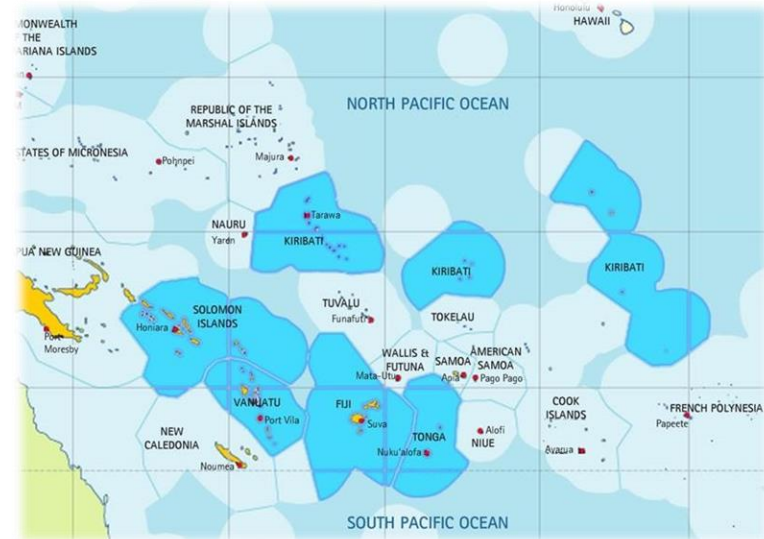
of the Federal Republic of Germany



- Free & uses open-source
- Easy to use
- Self taught
- Community support



- **Relatable:** Regional Scenarios
- **Tailored** to a user's background
- QGIS & ArcGIS **Dualism**



HOW DOES IT WORK





LOOKING BACK



GIS Capacity Building in Pacific Island Countries:

The Q- BOOK Moodle

Home

Q-Book Story

Courses

Discussion

Events

Contact

Calendar

March 2016						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

How many people use
Q-GIS?

Click here to
take survey



View the results:



Objective

While basic introductions and supporting documentation are available, there is a lack of a comprehensive solution, customized to the Pacific. As part of its objective to enhance the sustainable management of marine and coastal biodiversity in Fiji, Kiribati, the Solomon Islands, Tonga, and Vanuatu, MACBIO supports an EEZ-wide spatial planning framework. In the region there is an increasing demand for open-source web-based spatial planning instruments for marine and coastal zones in the Pacific.

In line with this, the project includes:

- Support and guide for the use of open source GIS, especially Quantum-GIS
- Support for different audiences
- Support sustainable QGIS learning platform

Why should this model be sustainable?

PACIFIC SPECIFIC

PORTABLE

QUALITY

OPEN-ENDED



SPC
Secretariat
of the Pacific
Community



International Union for
Conservation of Nature



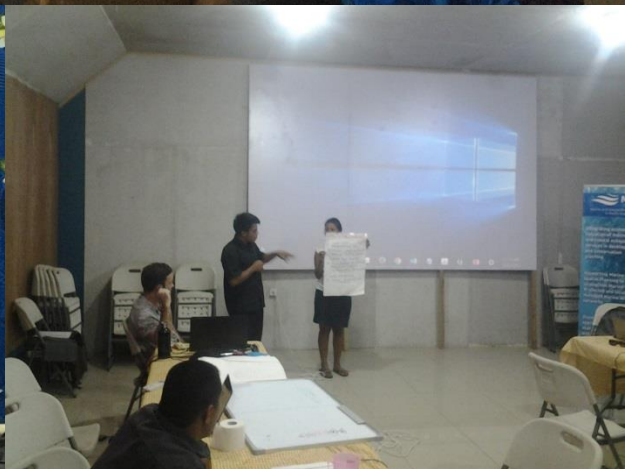
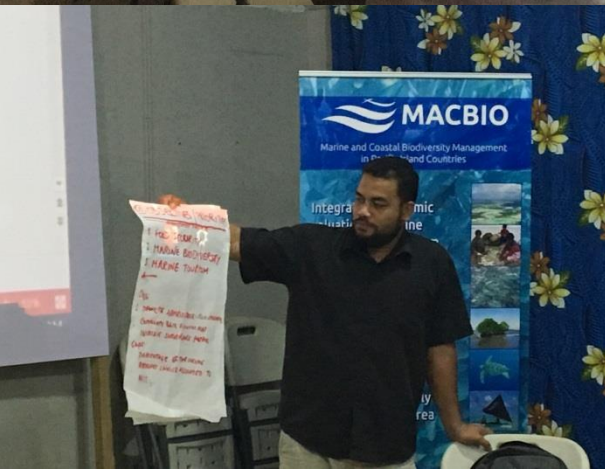
USP
THE UNIVERSITY OF THE
SOUTH PACIFIC



MILESTONES



Marine and Coastal Biodiversity Management
in Pacific Island Countries



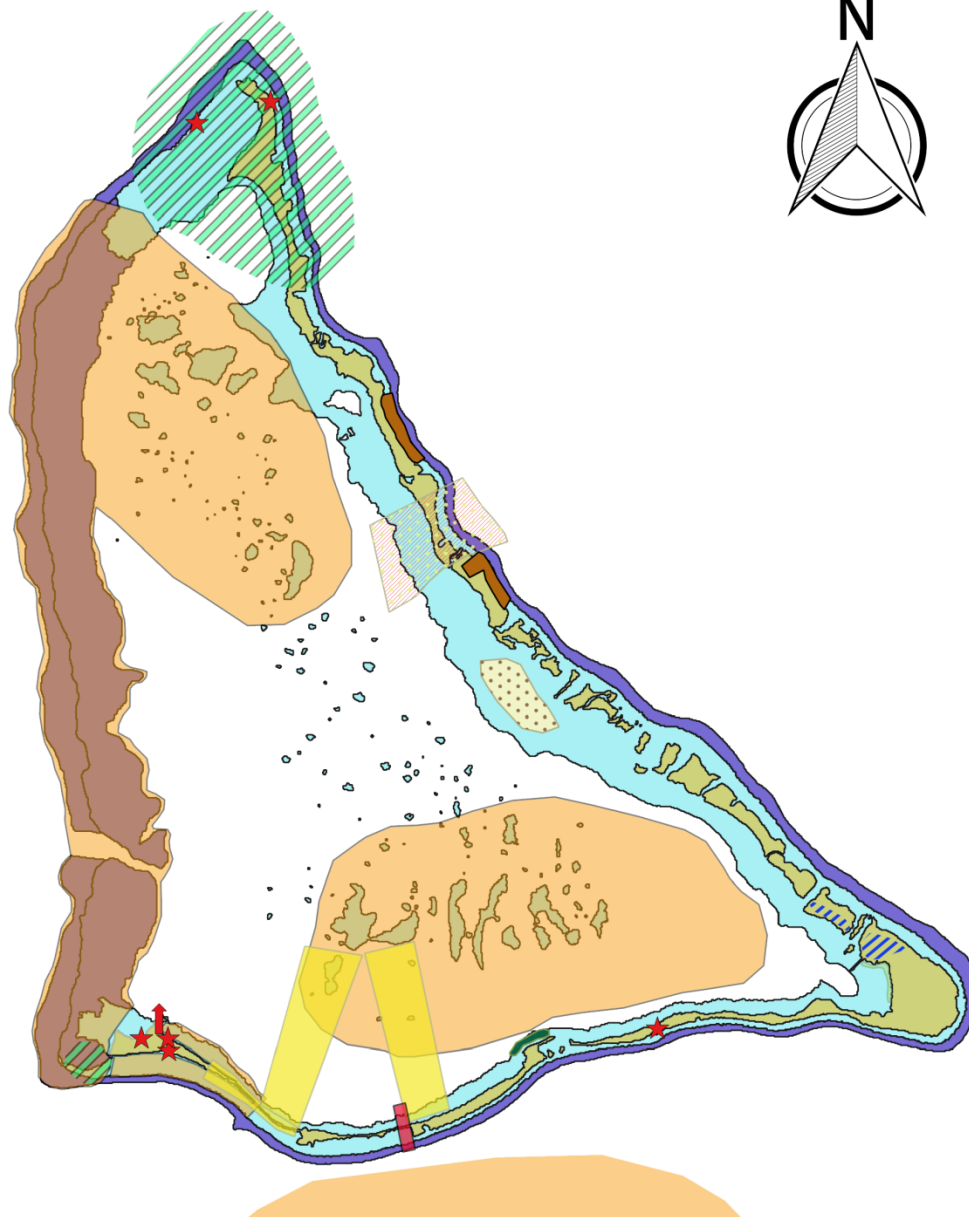
MILESTONES



Legend

Values

-  Port
-  Culture & Heritage Site
-  Mangrove
-  Marine Protected Area
-  Recreational Area
-  Seaweed Nursery Site
-  Silver Biddy Site
-  Spawning Site
-  Turtle Nesting Sites
-  Ramsar Site
-  Water Reserves
-  Fishing Grounds
-  Shallow Reef
-  Variable Depth Reef






















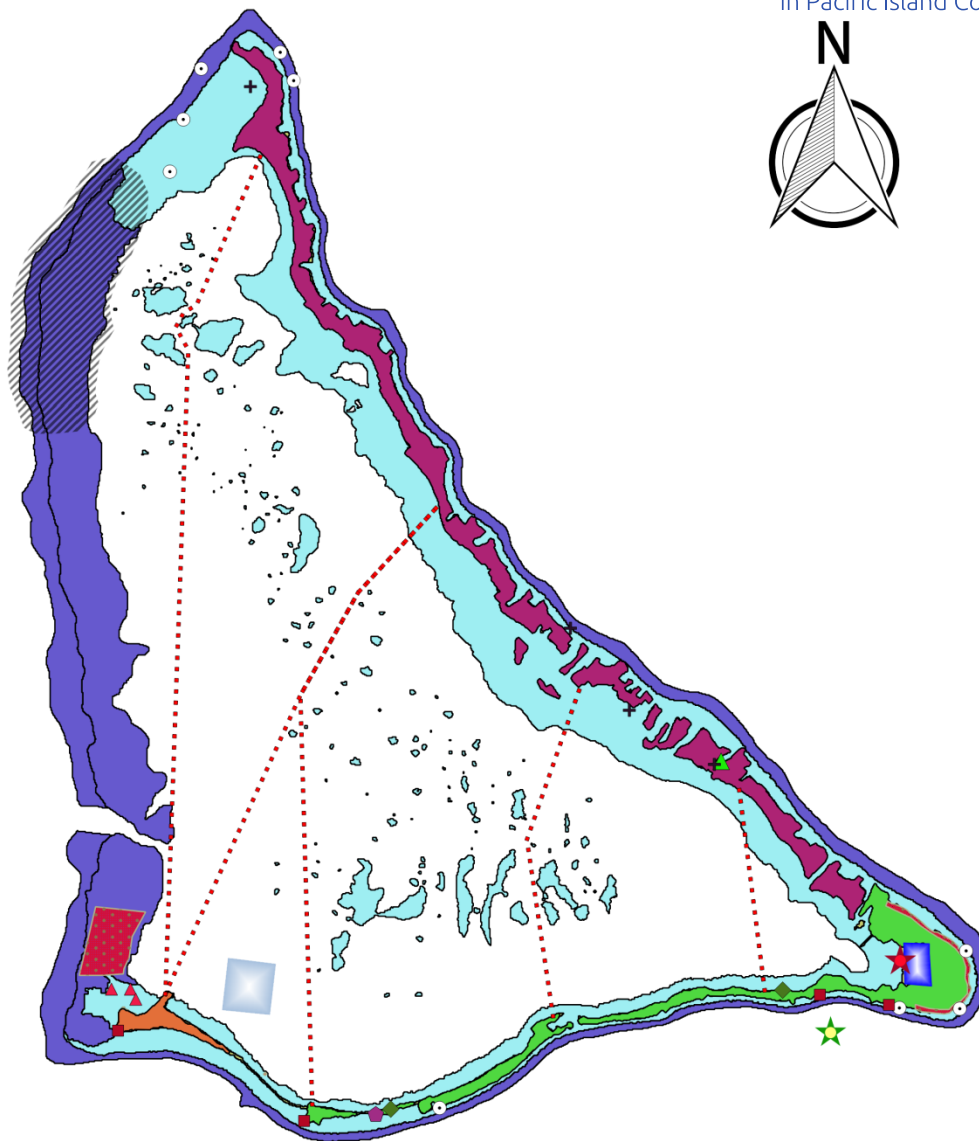
MILESTONES



Legend

Uses

-  Landfill
-  Outfall
-  OTEC Site
-  Ship Repair Yard
-  Submarine Cable Landing Station
-  Wrecks
-  Ferry Routes
-  Anchorage Sites
-  Dive Sites
-  Aquaculture
-  Sand Fish Pan
-  Giant Clam Farm
-  Fish Traps
-  Sand Mining
-  Betio Town Council
-  Eutan Tarawa Council
-  Teinainano Urban Council
-  Shallow Reef
-  Variable Depth Reef



MAKING GIS MORE RELATABLE IN THE PACIFIC





Sign in



© 2016 Google
Image © 2016 CNES / Astrium

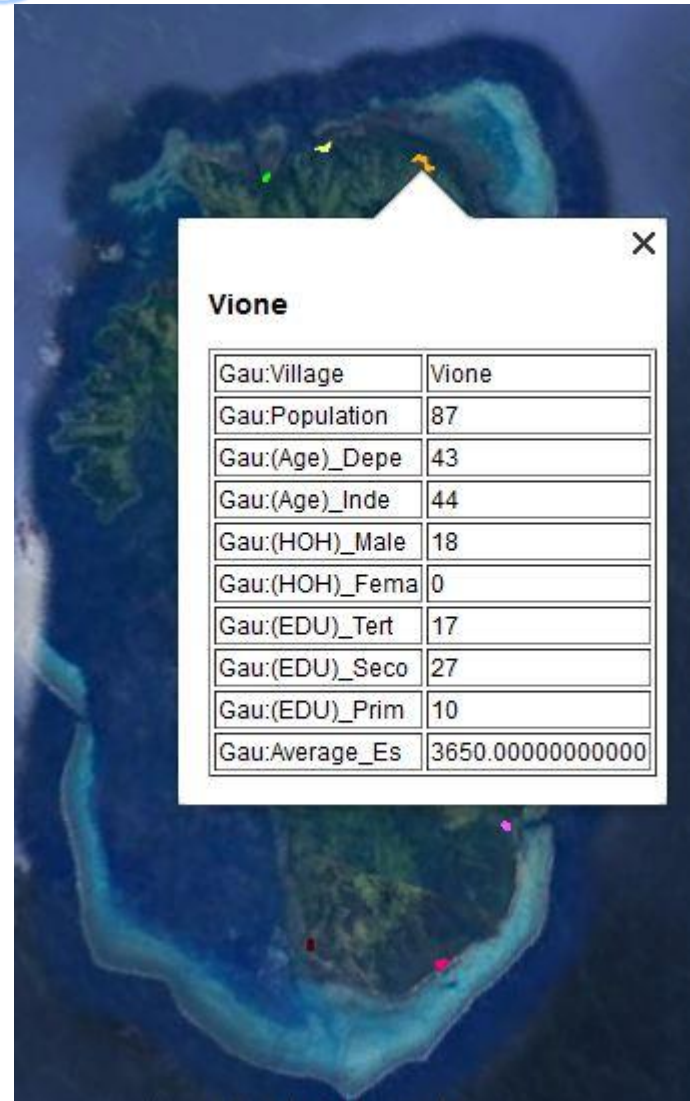
Google earth

Imagery Date: 7/8/2016 18°08'22.78" S 178°22'26.51" E elev 0 m eye alt 4.41 km



House-Hold Survey

Mapping



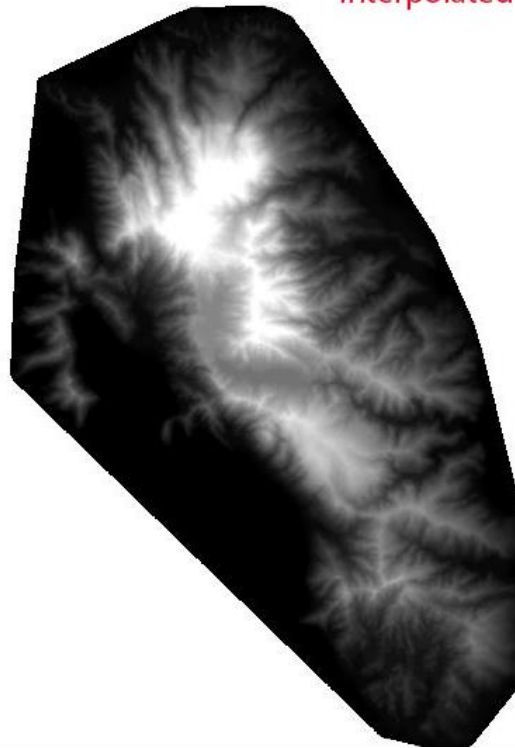
Vione

Gau:Village	Vione
Gau:Population	87
Gau:(Age)_Depe	43
Gau:(Age)_Inde	44
Gau:(HOH)_Male	18
Gau:(HOH)_Fema	0
Gau:(EDU)_Tert	17
Gau:(EDU)_Seco	27
Gau:(EDU)_Prim	10
Gau:Average_Es	3650.000000000000

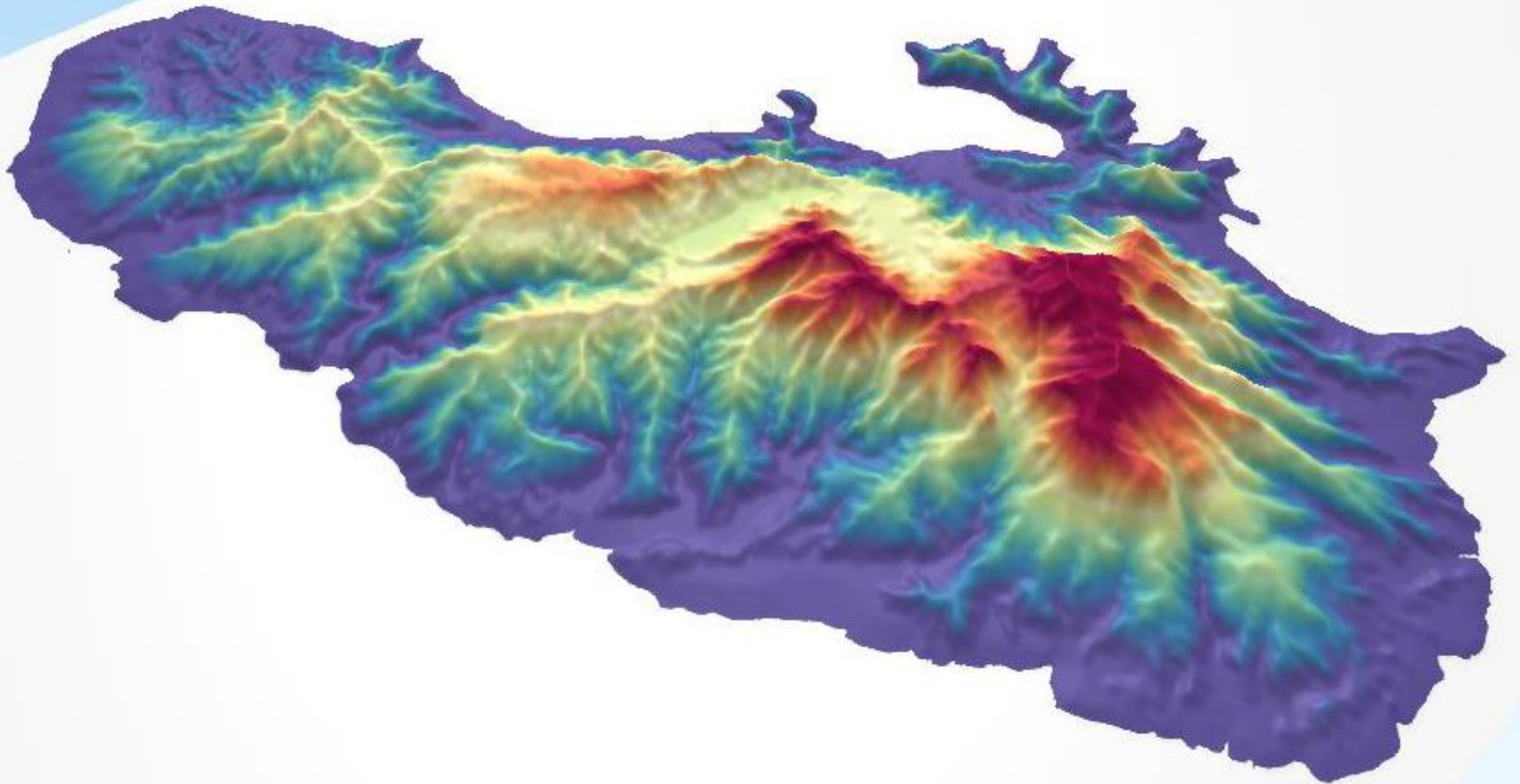
Vector & Raster Processing



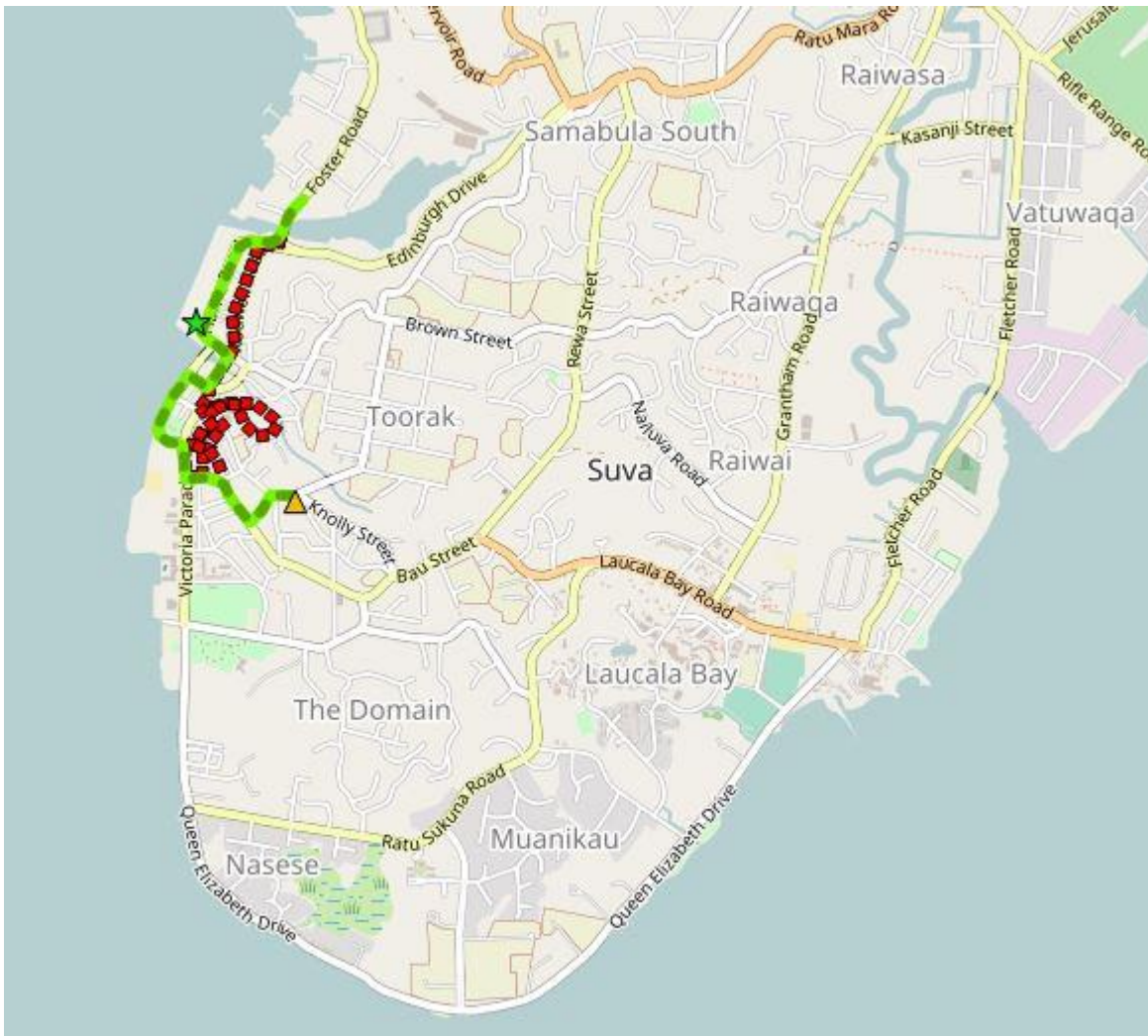
Interpolated Clipped



3D Plugin Mapping



Route Mapping



- ☒ ★ ports delivery ports deliv...
- ☒ ▲ alo office alo office.kmz P...
- ☒ — alo's morning route alo's ...
- ☒ ■■ traffic jam area traffic ja...
- ☒ ■ roundabout roundabout...
- ☒ ■ OpenStreetMap
- ☒ ■ Coastline

In Development



Raise your hand if
you have a cell
phone!!!



LESSONS LEARNT



A gap
exists




No
“one”
org can
fill it
alone

Networking and collaboration
is key to avoid overlaps





QBOOK You are not logged in. (Log in)



username

password [forgot?](#)

Log In

New User
To create a new user account, simply fill in the the fields above and press enter. You will be prompted to create a new account on the right hand side of the screen.

Why QGIS

QBook QGIS Training - Teaser Video

About
As part of its objective to enhance the sustainable management of marine and coastal biodiversity in Fiji, Kiribati, the Solomon Islands, Tonga, and Vanuatu, MACBIO supports an EEZ-wide spatial planning framework. There is an increasing demand for open-source web-based spatial planning instruments in the region for marine and coastal zones. Project developers and partners recognize and aim to address this need, the QBOOK MOODLE is free to all that are willing to learn and is not against commercial products. Through collaboration the project can be used as a training platform for a wide range of spatial practices and not limiting but also a basic training platform for users who may later move on to commercial spatial products. [read more](#)

In Collaboration Between The Regional MACBIO Project, Cooperating Partners and SPC GeoScience Division

www.pacgeo.org/static/edu/

Email: gbook679@gmail.com

Phone: (+679) 3305 866



**Vinaka
vakalevu and
thanks for
listening!**