



# Your proposal: Yadrava na Vanua : Measurement Reporting and Verification of forestry resources and landscape restoration projects

Nicholas Metherall, Lanieta Roko, Arti Reddy, Lency Muna, Salote Nasalo, Talei Caucau, Pauline Vinaka, Cema Talei, Juan Torres-Battlo, Nathan Wales, Hilda Sakiti Waqa, Elisabeth Holland, Francis Chottu, Michael Dyer, Xuan Nguyen.



# LANIETA ROKOTUIWAKAYA

## LEAD FOR GIS AND REMOTE SENSING OF FORESTS, YADRAVA NA VANUA



Lanieta  
Rokotuiwakaya

Nicholas Metherall, Lanieta Roko, Arti Reddy, Lency Muna, Salote Nasalo, Talei Caucau, Pauline Vinaka, Cema Talei, Juan Torres-Battlo, Nathan Wales, Hilda Sakiti Waqa, Elisabeth Holland, Francis Chottu, Michael Dyer, Xuan Nguyen.

# OUTLINE

## **2.5 mins Lanieta Rokotuiwakaya**

1. Background
2. Space for Planet Earth Challenge
3. Our team
4. Our remote sensing approach
5. Fieldwork methods

## **2.5 mins Francis Chottu**

1. Ongoing research on erosion risk
2. Working with villages to establish nurseries
3. Plans for nurseries and designs
4. Plans for planting along river banks
5. Conclusions

# SPACE FOR PLANET EARTH CHALLENGE

## OBJECTIVE:

To use space technologies to estimate carbon sequestration...

We brought together three sub-teams:

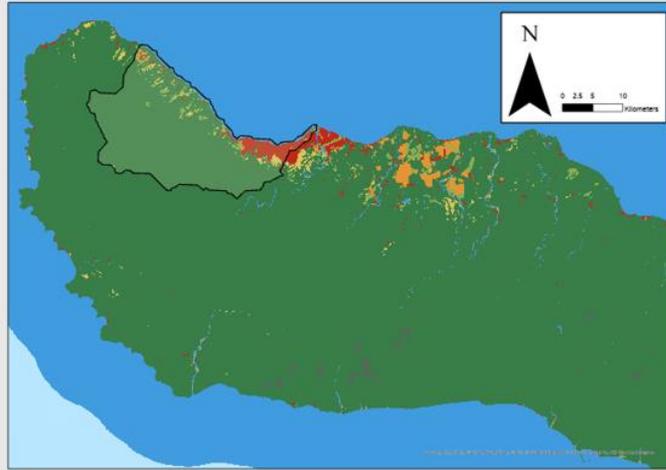
1. Mangroves
2. Forests
3. GIS + Remote Sensing

## PRESS RELEASE OUR TEAM:

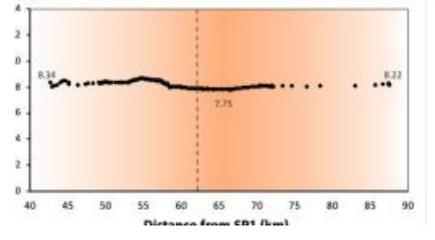
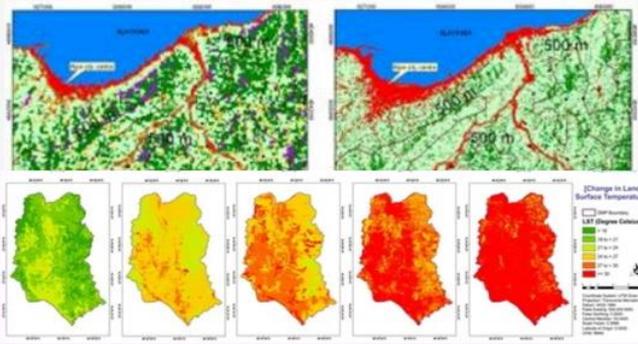
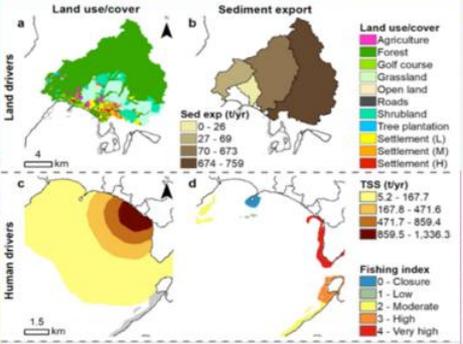
'Yadrava Na Vanua' From Fiji wins Grand Prize for Space for Planet Earth Challenge



# OUR REMOTE SENSING APPROACH



Multiparameter datasets



# FIELDWORK - FORESTRY INVENTORIES





## OpenStreetMap Fiji

Building an active and resilient OSM community in Fiji

# Our Team

# OpenStreetMap FIJI Team (OSM FIJI)



**Carrol Chan** – OSM Fiji Volunteer Project Lead

Carrol is an enthusiastic open source user who is passionate about building a bigger OS community in the Pacific and has been involved in organizing numerous Pacific conferences including Fijis Hub for the 2020 FOSS4G SotM Oceania Conference . She is currently the OSMFiji Project Lead and looking forward to spreading the gospel about the power of



**Nemaia Koto** – OSM Fiji Volunteer  
Communications Lead

Nemaia got introduced to the OSGeo community through his involvement with OSGeo Oceania in 2019 and assisting in organizing the first ever 2020 FOSS4G SotM Oceania annual conference via virtual hubs. He is an active volunteer in the OSGeo Community here in Oceania, playing a role in the OSGeo Oceania Microgrants Working Group and the OSGeo



**Lanieta Rokotuiwakaya**– OSM Fiji Volunteer  
Coordinator

Lani is currently the Volunteer Coordinator for OpenStreetMap Fiji. She is actively involved in the Pacific GIS and RS Community both in a professional capacity and volunteering where she was a part of the 2020 FOSS4G SotM Oceania Conference Local Organizing Committee (LOC). Her goal is to advocate on the importance of Open data and



Pacific GIS and Remote Sensing Council

# THE BOARD

The Board of PGRSC makes far-reaching decisions including financial ones several times a year. Voting also is performed through e-mail.



Salote Viti  
CHAIR



Wolf Forstreuter  
BOARD MEMBER



Arti Pratap  
BOARD MEMBER



Leba Gaunavinaka  
BOARD MEMBER



Rafael Kargren  
BOARD MEMBER



Keleni Raqisio  
BOARD MEMBER



Bradley Eichelberger  
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BOARD MEMBER



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BOARD MEMBER



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