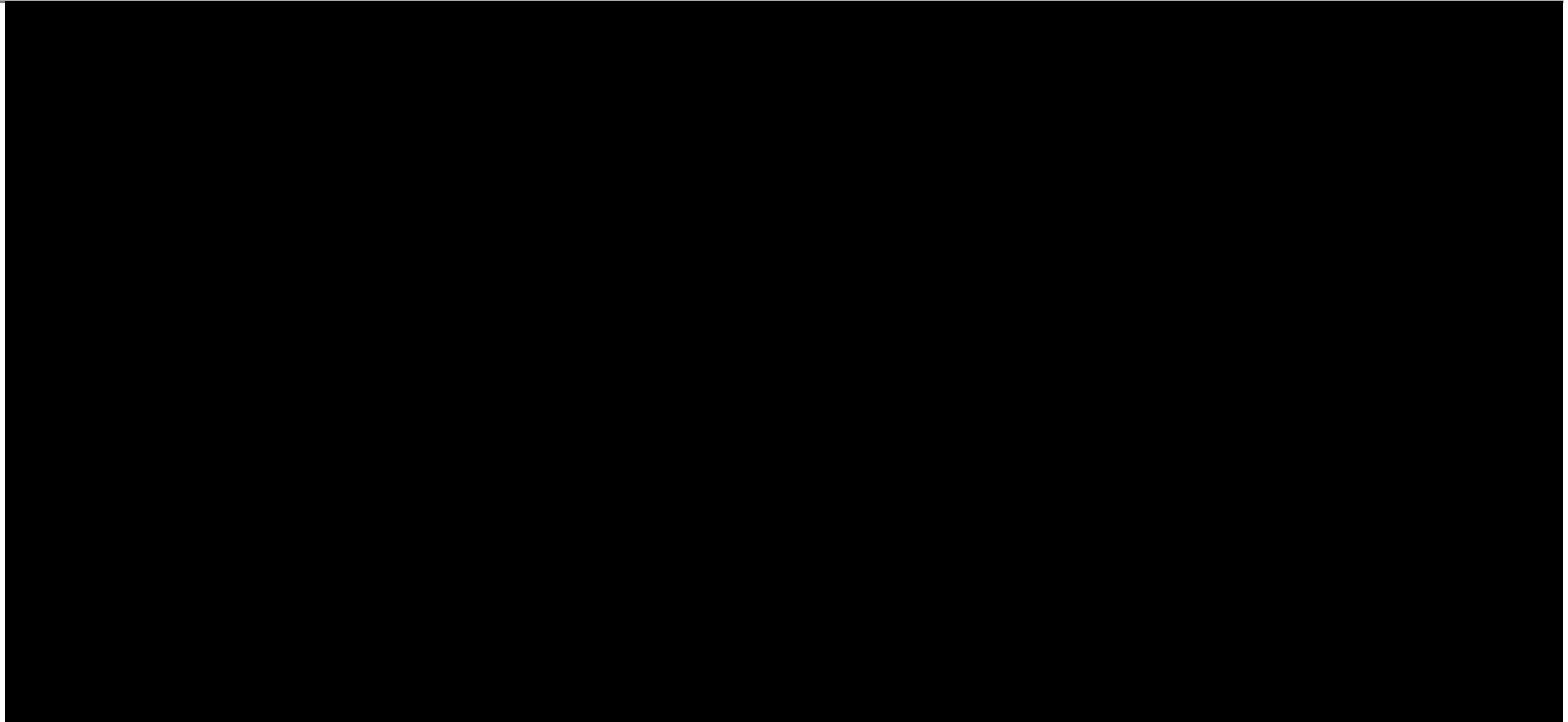


# Empowering women in mapping local communities in Kiribati

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PACIFIC GEOSPATIAL CONFERENCE  
28TH TO 2ND DECEMBER 2022  
USP LAUCALA CAMPUS, SUVA FIJI

Kiribati



# Kiribati Women in Mapping

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- KWIM
- Founded in September 2020 and recognized as an incorporated society by the Ministry of Women, Youth, Sport & Social Affairs (MWYSSA) in October 2020.
- Vision: Empowering women's ability in GIS while promoting the importance of GIS.
- Mission: Creating a leading network on mapping through partnership to improve governance and decision making
- Objectives:
  - Increasing greater female participation in mapping
  - Training women and girls on GPS and GIS software
  - Supporting trained women to explore the workplace
  - Working with other NGOs in need of surveys and maps to improve decision making.
  - Collecting data on various areas: women and disability issues, water, sanitation, outbreaks etc etc.
- Members: 64 women (65% unemployed)
  - Annual fee: \$2 annual fee
  - Age limit: 18 years – 45 years old
- Members mapping capacity level
  - Beginner – 60%
  - Intermediate – 30%
  - Advance – 10%
- Contact:
  - Facebook: Women in Mapping – Kiribati
  - Email: [kiribatiwomeninmapping@outlook.com](mailto:kiribatiwomeninmapping@outlook.com)



# Successful activities

- Training
  - GPS Essential app
  - QGIS Software
  - OpenStreetMap online training
  - Monthly training on GPS, QGIS, OSM
- Stakeholder workshop
  - June 2021 – OSGeo Oceania Microgrant
- Fundraising and awareness program
  - July 2021 – OSGeo Oceania Microgrant
- 2021 FOSS4G SotM Conference
  - November 2021 – OSGeo Oceania
- 5-Year Strategic Plan – Phase I
  - November 2022
- Project: Fieldwork data collection & OpenStreetMap training to communities.
  - February 2022 – December 2022
  - Open Mapping Hub – Asia Pacific



# Open Mapping Hub – Asia Pacific & KWIM Project

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1. Project title: Fieldwork Data Collection and OSM training to communities

2. Project period: Jan 2022 - Dec 2022

3. Objective :

- Strengthen fieldwork mapping skills
- Enhance community engagement through OpenStreetMap training
- Promote the growth of OSM ecosystem in Kiribati
- Collect data: water, sanitation, outbreaks, women, disability etc etc.
- Develop maps of pilot sites (Betio & Buariki)

4. Project timeline:

- Activity 1: Preparatory phase – April 2022
- Activity 2: Fieldwork & Validation – May & Nov.
- Activity 3: Map Sharing – Dec 2022.

5. Key personnel:

- Project Lead: Ueakeia Tofinga
- Financial Manager: Ritemarina Pine
- Documenting & Reporting: Tokanikai Rubetaake
- Data management: Beren Rubetaake

# Open Mapping Hub Asia Pacific & KWIM Project cont.

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Activity 1: Preparatory Phase

Date: April 5, 2022

Venue: Youth Center, Antebuaka, Tarawa

Objectives:

- Project introduction
- Betio Fieldwork Plan
- Finalizing survey questionnaires
- Confirming survey team members
- OSM training to participants.

Participants: 30 (NGOs & Government bodies)



# Open Mapping Hub – Asia Pacific & KWIM Project cont.

Activity 1: Follow up training and validation on OpenStreetMap, with the survey team members.

Date: May 2022

Venue: Betio Town Council Boardroom

Objective: OSM training and validation

Participants: 50 survey team members



# OMH-AP & KWIM Project cont.

## 1. Activity 2: Betio Fieldwork and Validation

Date: May 26 - 28, 2022

Fieldwork Site: Betio (South Tarawa)

## 2. Activity 2: Buariki Fieldwork and Validation

Date: Nov 3 - 6, 2022

Fieldwork Site: Buariki (North Tarawa)





# Plans ahead

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To:

1. Expand awareness (open-source data and software), open-source software training, and data collection to the outer islands
2. Establish an inclusive OpenStreetMap (OSM) Kiribati community
3. Develop the Kiribati Address System for emergency and delivery services
4. Establish student mapping clubs to expand OSM movement
5. Building a training facility with a daycare center to support women's full participation
6. Assist in providing GIS short and long term opportunities (trainings/scholarships) to women and girls

# Challenges

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- Lack of government support; training facility, funding, data sharing
- Poor and expensive internet connectivity for mapathon programs and online mapping software.
- Without a training facility, tools and office building – monthly trainings are rarely conducted
- Funding for activities and future plans

# Acknowledgement

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1. Mr. Tion Uriam - Local TA (Hydrographic Surveyor and National Coordinator for Hydrography and Charting)
2. Open Mapping Hub - Asia Pacific
3. OSGeo Oceania
4. Pacific Geospatial & Remote Sensing Council
5. KANGO (Kiribati Association of Non-Government Organization)
6. Kiribati HIV Unit staff
7. Kiribati Institute of Technology
8. Current Chairperson: Ms.Tokanikai Rubetaake (2022-2024), Executive Members & Members.

## Local Stakeholders:

- Kiribati National Statistics Office
- Kiribati Red Cross Society
- ChildFund Kiribati
- Rotary Tarawa
- Betio Town Council
- Eutan Tarawa I Eta Council
- Kiribati Island Local Government Association
- BIMBA (LGBTQ)
- Australian High Commission Kiribati
- New Zealand High Commission Kiribati
- Chinese Embassy