



Komal Devi

Details

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Links

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Skills

Data Analysis Microsoft

OfficeSQL

Microsoft Word Microsoft

ExcelPython

QGIS

ArcGIS

Languages

EnglishHindi

SUMMARY

I am passionate about utilizing geospatial science to address these challenges and contribute to creating a more sustainable future. I am a dedicated professional with a strong academic background, extensive work experience, and a passion for geospatial science and land management understanding of climate change impacts, climate variability, mitigation, and adaptation with an emphasis on Pacific Island Countries. With my expertise in remote sensing, data analysis, and sustainable development, I am well-equipped to make valuable contributions to any organization or project in the field.

EXPERIENCE

Director Nature Geospatial Services Sakoca February 2023 - Present

- conduct vegetation surveys and assessment of mangroves in Fiji.
- Provide administrative support to international delegate with research permit and approval in Fiji.
- Conduct vegetation surveys and assessment of mangroves in Fiji.
- Provide administrative support to international delegate with research permit and approval in Fiji.
- Identify potential clients, building relationships with key stakeholders, and promoting Nature Geospatial Services' offerings. Understanding client needs and tailoring solutions that meet their requirements.
- Conducting regular meetings with clients to assess their satisfaction levels, addressing any concerns or issues they may have, and identifying opportunities for upselling or cross-selling services.

Student mentor and Voluntary Project Coordinator in Technology and Tradition Project The University of the South Pacific laucala August 2022 - December 2022

Teaching Assistant The University of the South Pacific laucala March 2022 - July 2022

- Conduct face-to-face and online classes. Supervise and conduct fieldwork using GIS Tools. Assist student research projects at different steams. Conduct research and test designed methodologies for the betterment of the students.
- Provide administrative support to senior professors and lecturers at the university

Volunteer Administration Assistance Pacific Elders Voice Canberra, ACT, Australia April 2022 - June 2022

- Prepare monitoring and reporting information for the team on agreed performance indicators to drive more efficient management and accountability for results.
- Assist the Secretariat with researching, compiling and analyzing qualitative and quantitative data and information from a variety of sources.
- Assist in publication of research papers and dialogs to strengthen Pacific resilience

**Field survey support coordinator The University of the South Pacific laucala
March 2021 - December 2021**

- Supervise the use, care, and operation of GIS equipment. Provide highly technical support to geographic information • systems programs. Analyze spatial data by linking tabular information from Arc Info, ArcView, and Arc Map. Provide • direction and training to assigned staff.

**Teaching Assistant University of the South Pacific laucala April 2020 -
December 2020**

- Prepare and coordinate the transfer of research outcomes into geospatial undergraduate courses.
- Assist in data collection and analysis with GIS software and tools.
- Provide support, encouragement, and information to students in their academic research and fieldwork.
- Use remote sensing, multispectral and hyper spectral imagery to undertake research in a different Pacific island environment.
- In cooperating python language in teaching and learning and GIS Analysis.

**Research AssociateThe University of the South PacificlaucalaMarch 2019 -
March 2020**

- Prepare and coordinate the transfer of research outcomes into geospatial undergraduate courses.
- Assist in data collection and analysis with GIS software and tools.
- Assist in preparations of academic publications engage local communities involved in the Projects.
- Represent USP Geospatial science unit during the organized program.

**Teaching AssistantUniversity of the South PacificlaucalaJuly 2018 - December
2018**

- Assist in teaching and learning program for First-year GIS students. Assist in data collection and analysis with GIS software and tools.
 - Provide support, encouragement, and information to students in their academic research and fieldwork.
 - Use remote sensing, multispectral, and hyper spectral imagery to undertake research in different pacific Island environments.
 - In cooperating python language in teaching and learning and GIS Analysis.
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PROJECTS

Monitoring stress level in mangrove carbon sinks using GIS REMOTE SENSING: a case study of Nasese seawall USP Fiji March 2018 - December 2023

Topographical and elevation Village profiling for community assessment. USP Fiji February 2018 - December 2023

Vulnerability assessment of local communities using defined GIS implications USP Fiji July 2019 -July 2023

Using photogrammetry/drone images to map hazards around informal settlements in urban areas in Fiji USP Fiji July 2019 - November 2022

Establish an understanding of the key components of the 3 agendas (Climate Change Adaptation (CCA), Disaster Risk Reduction (DRR), and Sustainable Development Goals (SDGs) in line with the Climate Change Adaption projects undertaken within the Pacific Island Countries, namely, Solomon Islands USP Fiji March 2020 - June 2020

Flood modeling of itauki villages: Naviyago and Nabautini, and communities situated along coastal regions USP Fiji July 2018 - August 2018

EDUCATION

Drone Pilot Training course Drone work consultancy suva20232

Post graduate diploma Climate change and sustainable development USP FIJILaucala2021

Bachelor of Science Minor in Geospatial science and land management USP FijiLaucala2019

COURSEWORK

Completed Training to become a Trainer for conducting the 'Missing Maps Mapathon' United National Institute for Training and Research (UNITAR) and humanitarian, OpenStreetMapsTeam(HOT2019)

Completed Training workshop on ArcGIS ProEssential Workflow by Eagle Technology, New Zealand2018

INVOLVEMENT

Team leader USP representative Geospatial Science Symposium Noumea, New Caledonia USP November 2022 - December 2023

● **Fiji Mapathon Coordinator Fiji Building Outline Database, (Fiji's Crowd-Sourced Mapathon)** USP University of The South Pacific July 2019 - December 2022

SKILLS

ArcGIS Desktop & Pro - Geographic information system for working with maps
QGIS - analysis of geospatial data
PIX4D - Professional drone mapping and photogrammetry software

Python Coding
VanuaView

CityEngine

Ocean Optics software

Awards

First prize winner (Student Research), Pacific GIS & Remote Sensing Council (PGRSC) NOVEMBER 2018

References

1. Dr. Nicholas Rollings (MAIG) from USP Associate Professor

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2. Dr Mahendra Kumar

Independent Expert, Climate Change, Energy & Environment

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3. Arti Pratap Assistant Lecturer USP

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