

# RUIMBO NYAMUGUNDURU

## GIS AND REMOTE SENSING ANALYST

### CONTACT

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### SKILLS

- QGIS
- Google Earth Engine (GEE)
- GIS & Spatial Analysis
- ArcGIS
- Remote Sensing
- Microsoft Word, Excel, PowerPoint
- SPSS
- ODK; KoBoToolbox
- Data Analysis & Visualization
- Report Writing

### LANGUAGES

- English (Fluent)
- KiSwahili (Beginner)
- Chinese (Beginner)
- Shona (Native)

### REFERENCES

Dr. S.Kusangaya  
University of Zimbabwe  
Department of Geography and Environmental Science  
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### PROFILE

GIS and Remote Sensing Analyst with experience in spatial analysis and satellite image processing for environmental, agricultural, and development planning. Proficient in QGIS and Google Earth Engine, with exposure to government mapping and land use assessments.

### WORK EXPERIENCE

#### Surveyor General, Zimbabwe Intern

Jan 2023 - Sept 2023

- Supported GIS-based digitization, spatial data processing, and map production for land administration and surveying activities.
- Assisted in verifying spatial accuracy of boundaries, coordinates, and projections in line with national mapping standards.
- Prepared cartographic outputs and spatial datasets to support cadastral and topographic mapping functions.

#### Research GIS & Remote Sensing Analyst

2024

Environmental & Agricultural Projects – Zimbabwe

- Applied GIS and remote sensing techniques to analyze vegetation, soil, and land productivity indicators across multiple years.
- Performed spatial statistics and zonal analysis to support environmental impact and agricultural performance assessments.
- Generated high-quality maps, charts, and geospatial visualizations for technical reports and academic research.

#### GIS & Remote Sensing Consultant

2025

Matobo District – Land Use & Environmental Consultations

- Conducted land use and land cover analysis using satellite imagery and GIS techniques to support environmental and conservation planning.
- Applied remote sensing methods to assess land cover change and spatial patterns in Matobo District.
- Produced thematic maps and analytical outputs for use by project stakeholders and planners.
- Integrated field observations with satellite data to improve interpretation and validation of results.

### EDUCATION

BSc Honours in Geographic Information Science and Earth Observation

2025

University of Zimbabwe