John Owuor Odero

Contact Information

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Address: Private Bag - 10143, Dedan Kimathi

Professional Summary

Motivated third-year GIS and Remote Sensing student with hands-on experience in spatial data analysis and field data collection. Proficient in ArcGIS and QGIS, with a strong understanding of remote sensing techniques for environmental applications. Committed to leveraging geospatial technologies to support sustainable resource management and enhance decision-making processes.

Experience

- Participated in fieldwork involving the use of GPS, total stations, and RTK for spatial data collection DURING I
- Processed satellite imagery for land use and land cover classification.
- Successfully carried out Land use Land Cover Change Detection project.

Skills

i. **Geographic Information Systems (GIS):** Proficient in GIS software (e.g., ArcGIS, QGIS) for spatial analysis and data visualization.

ii. **Surveying Techniques**: Mastery in using total stations, GPS, and RTK for gathering spatial data.

iii. **Data Analysis:** Skilled in analyzing geospatial data to derive meaningful insights

iv. **Mapping and Visualization:** Experience in creating detailed maps and visual representations of data to communicate information effectively.

v. **Remote Sensing:** Knowledge of remote sensing techniques and their applications in understanding land use, demographic changes, and planning.

vi. **Spatial Analysis:** Ability to conduct spatial analysis related to voting districts, demographic distribution, or resource allocation.

vii. **Technical Proficiency:** Familiarity with tools for data collection, processing, and analysis.

Education

FROM: 2022 – PRESENT

School: **DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY**

course: *Bachelor of Science in Geospatial Information Science and remote sensing*

location: Nyeri County, 10143, Dedan Kimathi

*Current status***:** Third-Year Student

FROM 2018 – 2021

School: WIOBIERO SECONDARY SCHOOL

Location: Homabay town, 043 Homa Bay County.

Subjects: Mathematics, English, Kiswahili, Chemistry, Biology, Physics, Geography and History & Government

Mean grade **B-**

FROM 2006 – 2017

School: NGERE PRIMARY SCHOOL

Location: Ndhiwa Sub-County, 043 Homa Bay County.

Subjects: Mathematics, English, Kiswahili, Social studies /CRE and Science

Mean grade **B+**

Activities

- A member of Geospatial Developers Club
- A Peer Educator
- An Alcohol and Drug Abuse Educator
- A Gender Equity Champions Educator