

Daisy Mboya

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📍 **Home:** 3908, 00200 Nairobi (Kenya)

WORK EXPERIENCE

Geospatial Officer

Rural Electrification and Renewable Energy Corporation [01/04/2022 – Current]

City: Nairobi

- Ensuring project drawings meet cartographic standards.
- Updating and managing the spatial database to ensure availability of working drawings for the successful implementation of projects.
- Submission of drawings for completed projects to Kenya Power for commissioning.
- Mapping the assets, projects (proposed transmission and distribution network) and other properties and information for the Corporations Master Plan.
- Create geographic data and compiling them into maps and ensuring that maps are printed and drawings disseminated for operations.
- Uploading Drawings to SAP system.
- Retrieving drawings for reference and other uses.
- Digitization of completed projects awaiting commissioning

Geospatial Officer

Ministry of Lands and Physical Planning [01/01/2020 – 31/03/2022]

City: Nairobi

Country: Kenya

- Designing digital maps with geographic data and other data sources, and converting physical maps into digital forms for computer usage.
- Analyzing spatial data to find patterns and trends through spatial mapping.
- Creating shapefiles to merge topographical data with external data by layering external data over a topographical map.
- Data munging and cleaning to convert data into its desired form.
- Entering of approved geographical names in geospatial database and managing a digital library of geographic maps in various file types.

Intern

National Housing Corporation [01/04/2019 – 31/12/2019]

City: Nairobi

Country: Kenya

- Carrying out periodic topographic, cadastral, and sectional property surveys at NHC properties.
- Establishing and distributing control points for surveys. Maintaining land and Engineering survey records.
- Preparing all data, documents and maps related to surveys conducted

Atachee

Kenya Urban Roads Authority [01/01/2017 – 31/03/2017]

City: Nairobi

Country: Kenya

- Produced road layouts using survey measuring instruments and tools.
- Established lines and grades within the construction site by performing construction surveys.
- Performed record keeping of works performed
- Undertook topographic surveys of the construction site.

Project Assistant

University of Nairobi Enterprises and Services [01/09/2015 – 31/05/2017]

City: Nairobi

Country: Kenya

- Undertook desk study and literature review of all project documents.
- Supervised field work activities and all data collection.
- Collected and analyzed data in preparation of draft and final reports.
- Took part in Geographic data collection to facilitate the resettlement action plan of Dongo Kundu– Mombasa.
- Managed data of FGDs and KIIs for a baseline study on the Influence of culture, beliefs and values on uptake of insurance services amongst selected communities in Kenya.
- Undertook data collection and documentation for a customer satisfaction survey for Tourism Fund.
- Undertook desk and literature review, training and supervision of fieldwork for a baseline survey on the information gaps in the county governments for Consumer Education consultancy project.

EDUCATION AND TRAINING

BSc in Geospatial Engineering

The University of Nairobi [04/2013 – 07/2018]

City: Nairobi

Country: Kenya

Website: <https://www.uonbi.ac.ke/>

Final grade: First Class Honors

Thesis: SUITABILITY ANALYSIS OF LOCATION OF WIND FARMS IN LAIKIPIA, KENYA

Certificate

Loreto High School Matunda [02/2008 – 11/2011]

City: Nairobi

Country: Kenya

Final grade: A- (Minus)

Certificate

Esri Eastern Africa

City: Nairobi

Country: Kenya

Website: <https://www.esriea.com/>

Field(s) of study: GIS

Imagery In Action

Spatial Data Science

ArcGIS Pro Essential Workflows

Managing Geospatial Data with ArcGIS

Sharing Content to ArcGIS Enterprise

Deploying and Maintaining a Multi user Geodatabase

Configuring Utility Networks in ArcGIS

DIGITAL SKILLS

Autodesk AutoCAD (2006/2017) / ArcGIS, ERDAS IMAGINE 2014, Global Mapper, ILWIS, QGIS, ENVI / Power Query ,Power BI / Experience in MATLAB, python, and R / Microsoft Office (Outlook, Excel, Word, PowerPoint) / Team-work oriented / Ability to work in a team and autonomously / Good listener and communicator / Research and analytical skills / Design and management of a relational Database / Utility Network

NETWORKS AND MEMBERSHIPS

Graduate Member - Institution of Surveyors of Kenya

[Nairobi, 2019 – Current]

RECOMMENDATIONS

Associate Professor and Chair

Name: Dr. Faith Karanja

Phone number: (+254) 720240987

Email: faithkaranja@uonbi.ac.ke

I have know them for 10 years

Managing Director

Name: Mr. Seith Abeka

Phone number: (+254) 720877674

Email: seith@uonbi.ac.ke

I have known them for 9 years

Regional Manager

Name: Fredrick Nyamai

Phone number: (+254) 723446935

Email: fnyamai@rea.co.ke

I have known them for 1.5 years

HONOURS AND AWARDS

Best undergraduate final year research project.

The University of Nairobi [09/2019]

VOLUNTEERING

Kenya Red Cross Society

[Nairobi, 2023]