# SIAMA PHILBERT OTIENO

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## URBAN AND REGIONAL PLANNER

I am an Urban and Regional Planner and I specialize in research, sustainable urban and regional planning, with skills in Research, Geo-Information Systems(GIS), spatial data analysis, urban planning and design, land use, transport, and environmental planning.

## TECHNICAL SKILLS

Geo-Information Systems(GIS), Land Use Planning,Transport and Infrastructure Planning, Spatial Data Analysis, Environment and Resource Planning, Regional and Rural Planning, Python & R, Report Writing & Documentation, Map reading and Interpretation, Research, Desktop Study

## SOFT SKILLS

Time Management, Analytical Thinking, Multi-Tasking, Problem-Solving, Adaptability, Communication, Good Team Player, Creativity

## PROFESSIONAL EXPERIENCE

### Planner Fawcett Ouma Komollo

#### September 2024 - To date: Assistant Urban Planner

I lead the preparation of a comprehensive mixed use masterplan for a University Community in Ewaso Kedong, Kajiado County.

#### Achievements

- Collaborating with architects, engineers, and environmental specialists to ensure a holistic, sustainable design.
- Conducting site analysis, including environmental and infrastructural assessments, to inform land-use decisions.
- Engaging stakeholders, including university representatives and local officials, to ensure the plan met community needs.
- Producing reports, presentations, and visual aids to communicate the masterplan's vision and progress.
- Incorporating sustainable urban planning principles, including green spaces and energy-efficient buildings.
- Delivered the masterplan on time and within budget, supporting the project's next development phases.

#### September 2023 - September 2024: Research Assistant

I actively contributed to a comprehensive research project focusing on the publications on informal settlements through interrogating textual and contextual Polarization of Knowledges of Slums in Kenya.

#### Achievements

- Led a data collection team conducting research in Mathare, Kibera, Kahawa Soweto, and Mukuru kwa Njenga.
- Designed targeted surveys to ensure accurate data collection aligned with research objectives.
- Managed data entry, cleaning, and analysis, alongside desk studies and literature reviews.
- Automated Excel and CSV tasks, including data cleaning, visualization, and report generation, using custom Python applications.
- Developed interactive Python dashboards to visualize field data, enhancing accessibility and impact.

### National Environmental Management Authority(NEMA)

#### August 2022 - December 2022:Urban Planning Attachee

I contributed to the agency's initiatives in the realm of climate change and environmental urban planning.

#### Achievements

- Worked with NEMA professionals to apply regulatory frameworks in urban planning, ensuring compliance with environmental standards.
- Participated in stakeholder meetings and workshops, fostering collaboration between internal teams, NEMA, and external partners.
- Organized project information and supported report preparation, ensuring adherence to protocols.

# EDUCATION

**November 2024 - To Date: Africa Urban Lab, Zanzibar**

**Professional Diploma in Urban Planning**

The program includes four core modules designed to provide in-depth knowledge and practical experience in urban governance, planning, finance, and economics.

**July 2019 - September 2023: Technical University of Kenya, Nairobi**

**Bachelor's In Built Environment, Urban and Regional Planning**

My academic journey at the Technical University of Kenya was anchored in the pursuit of a Bachelor's degree in Built Environment with a specialization in Urban and Regional Planning. This comprehensive program equipped me with a robust understanding of the fundamental principles and practices crucial to effective urban and regional planning.

***Developed skills* in**

1. Mapping and Spatial data analysis using ArcGIS, QGIS
2. Data collection, Data entry, Data cleaning, Data Analysis
3. Google Suite (Google Sheets, Google Docs, Google Slides)
4. Microsoft Office Suite( Word, Excel, Powerpoint)
5. Adobe Suite (Adobe Photoshop ,Illustrator, In Design)
6. Document preparation, data visualization, and Presentations.
7. Report Writing.

*Final Project :*
*Monitoring the rate of urban growth using Landsat Time Series Data, A Case Study of Kikuyu Municipality (1985 - 2023).*

*Grade: Second Class Honours (Upper Division)*

**February 2015 - November 2018: Kakamega School, Kakamega.**

**Kenya Certificate of Secondary Education - Grade: B**

At Kakamega School, my high school journey laid the foundation for my academic endeavors.
Engaged in a comprehensive and well-rounded curriculum,I developed a strong academic background cultivating a deep understanding of fundamental principles and practices essential for future pursuits.

**January 2007 - November 2014   Manyani Primary School, Voi**

**Kenya Certificate of Primary Education *Marks: 388 / 500***

# REFERENCES

*Provided Upon Request.*