

MATHENGE MWEHE- RESUME

Tel: +254 724 302 883 · mathengemwehe@gmail.com / mmwehe@maseno.ac.ke · P.O.BOX 6407-00610, NAIROBI

SKILLS AND ABILITIES:

The more than six years' of expertise in the domain of urban and regional development planning and Geographical Information System (GIS), gained from working in both private and public sector that has given me a lot of experience in urban development and governance dynamics from both Kenyan and international perspective. My research interests are in the field of spatial planning, urban management, spatial governance and GIS technology application in urban development and management (geo-governance).

EDUCATION

1. PhD Researcher at VRIJE UNIVERSITEIT AMSTERDAM, The Netherlands (Year 2018-2021)

- PhD research title: (*spatial planning for agribusiness development and policy*)

2. MSc at ITC UNIVERSITEIT TWENTE, The Netherlands, (Year 2009 to 2011).

[*Masters of Science in Geo-Information Science and Earth Observation: [Specialization, Urban Planning and Management]*].

- MSc Average grade attained: 77% (Good).
- Academic Excellence Award: **Best Overall MSc thesis at UPM dept.**
- Thesis Research score: 85% (Very good).
- MSc Thesis Research title: "**Integrating Local knowledge in Planning and Management of Water Supply Provision in the Informal Settlement of Stone Town, Zanzibar.**

3. POST GRADUATE DIPLOMA at IHS ERASMUS UNIVERSITEIT ROTTERDAM, The Netherlands (Year 2014).

[*Post Graduate Diploma in Urban Management and Development Theory*].

- Average grade attained: 87% (Very good).
- Academic Excellence Award: **Distinction.**

4. BACHELORS DEGREE at MASENO UNIVERSITY, KENYA (Year 2003 to 2007).

[*Bachelor of Arts in Urban and Regional Planning*].

- Degree grade attained: **1st Class Honors** (excellent)
- Academic Excellence Award: Best overall student at URP dept.
- Undergraduate thesis Research score: A Plain (Excellent).
- Undergraduate Research Title: Community Development Fund as a decentralization policy towards rural development. A case study of Tetu Constituency.

5. PROFESSIONAL CERTIFICATE at INTERNATIONAL CENTER FOR LAND POLICY STUDIES AND TRAINING (ICLPST), Taoyuan city, TAIWAN (Year 2014).

[*Certificate in Geographic Information Systems and Land Management*].

EMPLOYMENT RECORD

Year 2011- Present: Assistant Lecturer Department of Urban Management, School of Planning and Architecture, Maseno University,

Leadership positions and key achievement at Maseno university

- I was the first eProgrammes Coordinator for the School of Planning and Architecture at eCampus of Maseno University. Under my tenure, the school's eLearning Masters programme become the best flagship masters programmes at the eCampus. I managed more than 200 masters students registered in e-programmes.
- I pioneered the establishment of the Bachelors degree of Geospatial Information Science at Maseno University.
- I pioneered the establishment of the Bachelor's degree of Disaster Management at Maseno University.
- I have played a key role in revising Curriculum for BA in Urban and Regional Planning as per CUE standards.
- I was involved in the curriculum review team for MA in Monitoring and Evaluation and MA in Project Planning and Management.
- Was appointed Board Member of "Research, Publication and Consultancies Board" of Maseno University.
- Appointed Committee member of Maseno University Annual Conference organizing committee.
- Appointed Committee Member of the Maseno University Master Planning Team.
- Organizer and abstract reviewer: 2nd Annual conference on M&E conference for Health-2014.
- Research Reviewer: Kenya Institute for Public Policy Research and Analysis (KIPPRA).

April 2012: Short term consultant, Kenya Institute for Public Policy Research and Analysis (KIPPRA)

- Metropolitan Governance Project. Service level mapping: a pilot study of the municipal council of Mavoko.

May- Aug 2012: Part Time Lecturer- University of Nairobi- South Eastern University Campus.

- Lectured Masters Students in Geographic Information systems course.

May 2012-Present: Chief Executive Officer of Geo Spatial Africa Ltd.

- Private consulting firm specializing in Urban Planning, GIS mapping, project planning and evaluation, Spatial data management and analysis, Resource mapping, and GIS Database development.

May 2012: GIS mapping expert at Ministry of lands, Kenya.

- Involved by the Ministry of Lands in the Technical working group set up for the preparation of Kenya's National Spatial Plan.

Year 2011: Geo Spatial Analyst/urban Planner at TWO EMS Associates (Urban and Regional Planning Consulting firm).

- In charge of Geo-spatial data processing and analysis, digital mapping, generation of various thematic maps.

Aug 2011 – 2014: Part Time Lecturer at: Homabay Campus, Kisumu Campus, E-CAMPUS of Maseno University

- I lectured master's students in Urban planning related courses, Geographic Information Systems courses, Research methods, planning studios among others.

Feb 2008- Sept, 2008: Associate Urban Planner at ECOPLAN KENYA (Urban and Regional Planning Consulting firm).

- I was involved in the formulation and implementation of urban and regional development plans, preparation and mapping of Bungoma District development plan. I was also involved in preparing strategic land use plans and conducting environmental impact assessment and audit for various urban development projects.

RELEVANT PRACTICAL RESEARCH EXPERIENCE

1. Contracted by DFID-UK as a lead consultant on project titled "*Mapping Rural Logistics for Smallholder Farmers to Meet New Agricultural Market Demands*"; *A study of Kenya's Horticultural Sector from an industry and market-linked trade and logistics value-chain systems perspective*. Study conducted in partnership with KENDAT, IFRTD-ESA and TCP International. With the collaboration of HCDA, National Potato Council of Kenya (NPCK), KEPHIS, FPEAK, Technoserve, PSDA, Kenya Roads Board, National Economic and Social Council (Vision 2030), Sunripe Ltd, Mt Kenya Gardens, Goshen Farm and Athi Farm. (Contact person: Dr Pascal Kaumbutho Email-pkaumbutho@kendat.org).
2. Contracted by USAID- Feed the Future Kenya Innovation Engine through Kenya Network for Dissemination of Agricultural Technologies (KENDAT) as a lead expert in a project titled "*Agricultural mechanization hubs to boost youth-attractive commercial ventures in Conservation Agriculture*". A project funded by Kenya Innovation Engine-USAID Feed the Future (KIE-USAID). Email-pkaumbutho@kendat.org.

3. Contracted by International Maize and Wheat Improvement Center (CIMMYT) as a "National Consultant Agribusiness Modelling Specialist" to carry out "*Business models appraisal for Mechanization Hire Service in Farm Mechanization and Conservation Agriculture for Sustained Intensification (FACASI)*" Project in Kenya. Project implemented in Ethiopia, Kenya, Tanzania and Zimbabwe. (Contact person: Assefa Rahel: Email: R.Assefa@cgiar.org OR David Kahan, (davidgkahan@gmail.com).
4. Contracted by Africa Community Access Programme (AFCAP) and Kenya Network for Dissemination of Agricultural Technologies (KENDAT) to carry out a study on the "*Analysis of Horticultural Value Chains and development of an operations process end-user Booklets and picture-stories*". November 2012 – April 2014. Contact person-Dr Pascal Kaumbutho Email-pkaumbutho@kendat.org.
5. Co-Researcher at Mistra Urban Futures Project- Kisumu Local Interaction Platform. Member of Social Spatial track focusing on "*enhancing access to land, infrastructure, housing and facilities in Kisumu city*". Contact person: Dr George, G. Wagah. Email: ggwagah@yahoo.com.
6. Principal Investigator on a project titled "*Mapping and Tracking TB and Cancer diseases using GIS and ICT tools in Kisumu East District*". I was awarded Research grant worth Kshs. 4.5 Million from National Council for Science and Technology (NACOSTI) for this project. (NACOSTI Contact Person: David Ngigi - Senior Researcher at NACOSTI. [Email-ngigimd@nacosti.co.ke](mailto:ngigimd@nacosti.co.ke)).
7. Contracted by Kenya National Highway Authority through Ecoplan Management as a GIS Consultant to "*Map all the Project Affected Persons for the resettlement action plan along Kisumu-Kitale highway construction project*". (Contact person: Jane Mugo, Ecoplan Management. Email- jmugo76@gmail.com).
8. Contracted by ECOPLAN Management as a GIS expert in the "*Mapping of livelihood for the resettlement action Plan in Mombasa, Dongo Kundu area*". (Contact person: Erick Mokaya- Manager, Ecoplan Management. Tel- 0720936008).
9. Contracted by World Bank through Deloitte & Touche/ICOSEED to conduct Evaluation studies for the MSME – MATCHING GRANT FUND project for Mwea Cotton Promotion Project [MCPH PHASE III EVALUATION]. (Contact Persons: MR.PATRICK G. MURIUKI- MD-ICOSEED. EMAIL: icoseedkenya@gmail.com).

KEY CONFERENCES ATTENDED AND PRESENTED

- ETHIOPIA: Global Geospatial Conference, 4-8 November, 2013, UNECA Conference Center, Addis Ababa, Ethiopia.
- EGYPT: International Workshop on Metropolitan Planning for Ard al-Liwa Community Park by Cairo Lab for Urban Studies. November 1 – 10, 2012 at Cairo University, Egypt.
- MOZAMBIQUE: 2nd AFCAP Practitioners Conference, 3–5 July 2012, Maputo, Mozambique.
- TAIWAN: The Seminar on GIS and Land Management, March 19 – April 1, 2014 | Taoyuan City, Taipei, Taiwan.
- KENYA: 7th Esri Eastern Africa User Conference, 3 – 5 October, 2012 | Lake Naivasha Sopa Lodge, Naivasha, Kenya.
- KENYA: ESRI Eastern Africa Education User Conference, 17-18th Sept, 2013, Kenyatta University, Nairobi, Kenya.

PROFESSIONAL MEMBERSHIPS

- Member: Global Spatial Data Infrastructure Association (GSDI).
- Member: International Geospatial Society.
- Member: Geographic Information Knowledge Network.
- Member & Organizer: Netherlands Alumni Association of Kenya.
- Member: Geospatial Society of Kenya.
- Graduate Member: Kenya Institute of Planners.
- Club Patron: Entrepreneurial Association of Maseno University.
- Advisory board Member: Kenya Youth Hub.

PUBLICATIONS

1. Mathenge M. (2011) Integrating local knowledge in planning and management of water supply provision in the informal settlement of Stone Town, Zanzibar. http://www.itc.nl/library/papers_2011/msc/upm/mathenge.pdf
2. Mathenge M. (2013), Tapping Slum Dwellers Knowledge to Improve Water Supply Delivery in Slums. <http://www.gsdi.org/gsdiconf/gsdi14/slides/1.2d.pdf>
3. Sieber, N., & Mathenge, M. (2012). Leapfrogging from Rural Markets to new Hubs. Paper presented at the 2nd AFCAP Practitioners conference, Maputo, Mozambique on July 3-5, 2012.

LANGUAGE PROFICIENCY

English: (excellent). Kiswahili: (excellent). Kikuyu:(excellent)

REFERENCES

Dr. MIDHEME O. EMMANUEL [*Lecturer*].

School of Planning and Architecture, Maseno University.

P. O. Box 333, Private bag, Maseno, Kenya.

Phone: +254

Email: midheme@yahoo.com

Dr. JEROEN J. VERPLANKE: [*Senior Lecturer: MSc Thesis supervisor*].

Department of Urban Planning and Geo Information Management (ITC),

Hengelosestraat 99, P. O. Box 217, The Netherlands.

Phone: +31 (0)53 4874417, Fax: +31 (0)53 4874575; Email: verplanke@itc.nl

PETER WAINAINA NJOROGE [*Education Analyst*]

Women Educational Researchers of Kenya (WERK).

P. O. Box: 10565-00100, GPO Nairobi.

Phone: +254 0724833626. EMAIL: peter_njoroge_w@yahoo.com