

Academic Staff Profile

Personal Profile

Personal Details

Name: Joseph Mahiri
Title/Qualification: PhD
Department: Geography
Designation/Position: Lecturer
Email: Mahiri.joseph@ku.ac.ke
Contact Address: 43844
Area of Specialization:
- Medical Geography
- Environmental Health
Research Interests:
• - Applications of Geographical Information Systems, Remote Sensing in Resource Management
• Water and sanitation
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Google Scholar:
ORCID ID:



Academic & Professional Qualifications

- Doctor of Philosophy (PhD) (Geography and Land Planning) at Trier University, Germany, 2012
- Master of Arts (Geography) at Kenyatta University, 2007.

- Bachelor of Education(Arts) Specializing in Geography and Library and Information Science Kenyatta University, 2003

Employment History

- **2014- Present:** Lecturer, Researcher and Postgraduate supervisor department of Geography, Kenyatta University.
- **2012-2014:** Chairman and Lecturer Geography and Environmental studies Department Catholic University of Eastern Africa

Publications

Referred Journals

- N.D.Karwitha and J. Mahiri (2020) Women Participation on Rotating Savings and Credit Associations for Community Development In Muthara Division, Kenya .(IOSR-JHSS) Volume 25, Issue 5, Series. 2 (May. 2020) 40-50 e-ISSN: 2279-0837, p-ISSN: 2279-0845
- Mahiri J. and Monheim H. (2018) Adoption and sustainable use of Solar Water Disinfection(SODIS): Influence of persuasion factors and attributes of the innovation ACUHIAM Vol.2, no. 2
- Mahiri J., Monheim H., Kagermeier A., Kage F., Otieno J.,(2016) Effectiveness of solar water disinfection(SODIS) in the control of diarrhoea among slum dwellers: A case study of Kibera slum, Nairobi Kenya, African health sciences journal pr

Books and Books Chapters

- Mahiri J. (2012) Spatial Analysis of Solar Water Disinfection and Household water Management in the slums: A case study of Kibera slum, Nairobi Kenya. Published by Dr. Kovoc Publishers, Hamburg Germany.

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Conference/Workshops/Seminar Papers

- Application of remote sensing in crop production in Kenya and Tanzania, Nairobi, Kenya. 2016
- Qualitative and quantitative research methods Nairobi, Kenya. 2016
- Data collection using poimapper Nairobi, Kenya. 2014

- Research methods and proposal Development Vices Kampala Uganda, 2014

Conference Papers

- Mahiri J. (2010). Acceptability and sustainability of solar water disinfection (SODIS) in Kibera slums. A paper presented at EAWAG conference Zurich Switzerland, June, 2013
- Mahiri J. (2010) Adoption rate and sustainability of SODIS in slums of Nairobi. A paper presented at HWTS strategy workshop in Kisumu Kenya, September, 2012

Workshops Papers

- Mahiri J. (2010) Adoption rate and sustainability of SODIS in slums of Nairobi. A paper presented at HWTS strategy workshop in Kisumu Kenya, September, 2012

Student Co-authored Publications

- Mahiri J. and Omondi S.(2020) Environmental impact assessment in refugee settlement in Dadaab refugee camp, Garisa county, Kenya. Report.
- Mahiri J. and Kiiti M.(2020) Determinants of modern box hives adoption in Kitui County, Kenya International Journal of Education and Research Vol. 8 No. 10 October 2020

Funded Projects

- -Women researchers of Kenya Research Grant 2016/2017
- Twaweza Kenya research grant, April 2015- march 2016
- Catholic Academic Exchange Service(KAAD) PhD scholarship, 2008- 2012
- University of Trier PhD Research grant, 2009
- VDK-Forderfonds for PhD thesis publication Award, 2011

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Conferenced/Workshops/Seminars Attended

Conferences Attended

- Regional Conference and School on Water, Climate Change and Environmental Sanitation 28th -31st August 2018 Accra, Ghana
- GIS Day workshop(Discovering the world through GIS) 12th and 13th November 2018 Kenyatta University, Kenya.

Workshops Attended

- Climate Change and Migration in Africa:A Call for Action on 8 April 2021 at 4.00 pm (CEST) via Zoom.
- Implementers Training for ISO 9001:2008 Standard Requirements for the Quality management systems April, 2013
- Geographical Information System for Education Nairobi, Kenya2018
- Geospatial Solutions for the Survey, Engineering and construction Industry 2017
- Project Development, Monitoring and Evaluation Ventron, France, 2011

Seminars Attended

- Regular School and departmental seminar presentations and supervisions 2012 to date

Supervision of Postgraduate Students

Masters

- Distribution of parthenium hysterophorus and its socio-economic effects on biodiversity and agriculture in lambwe, homabay county, kenya charles okoth ger (b.e.d arts) c50/ce/29172/2015- ongoing
- assessment of adaptation strategies to rainfall variability by small scale farmers in uasin- gishu county. geoffrey mukhebi reg. no. c50/ce/29083/2015 ongoing
- - adoption of new varieties of irish potatoes in nyandarua central district, nyandarua county, kenya njihia elizabeth wangari c50/ce/4790/2012
-

Ph. D

- Analysis of climate variability and other determinants on Malaria epidemiology and adaptive capacity in lower lake Victoria Basin. Samwel olela C82/27290/2014 Ongoing
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Professional/ Consultancy (Editor/ Peer review in journals, Networks/ Collaborations, External Examiner, Patents)

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Community Service and Other Engagements

- **May 2019-Present:** Chairman Board Of Management Gokeharaka Mixed Secondary School
- **May 2019- Present:** Member Board Of Management Taranganya High School a

Affiliation of Professional Bodies

- - Scholar of Katholischer Akademischer Ausländer-Dienst (KAAD)
- Member of Rockhealth Integrated Organization
- Member of Society of KAAD Association of Scholars in East Africa (SOK, Charity Arm of KASEA)
- Member of Kuria Professional Association(KUPA)
- Patron and member of Health and environment committee thematic group in KUPA
- Professional membership with KAAD Association of Scholars in East Africa (KASEA)

Administrative Positions Held

Recognized university administrative positions

- **January 2020-Present :** Academic Data Officer Kenyatta university
- **2015-Present:** Departmental Coordinator Digital School Kenyatta University
- **2015-Present:** Departmental Post graduate coordinator Kenyatta University

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Other administrative positions Held

- **2012-2014:** Chairman Geography and Environmental studies Department Catholic University of Eastern Africa

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