

CURRICULUM VITAE



PERSONAL INFORMATION

Name: Irene Nzisa Mutavi
Nationality: Kenyan
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EDUCATIONAL BACKGROUND

Department of Geography and Natural Resources Management

Maseno University (2013- 2016)

Doctor of Philosophy in Geography with specialization in Biogeography

Thesis: “Contribution of Ecosystem Services to Rural Livelihoods in Kibwezi District of Makueni County, Kenya”

Department of Geography and Natural Resources Management -Maseno University (2010- 2012)

Master of Arts in Geography with specialization in Biogeography

Thesis: “Assessment of the Effect of Anthropogenic Activities on Terrestrial Biodiversity in Matayos Division of Busia County, Kenya”.

Maseno University (2003- 2007): BED (Arts), 1st Class Honours. Geography and Music.

Kiangini Secondary School (1998-2001): Certificate in KCSE, Mean grade of B (Plain).

Kiangini Primary School (1990-1997): Certificate in KCPE. Scored 481 Marks

EMPLOYMENT HISTORY/WORK EXPERIENCE

2017: To-date Lecturer, Department of Geography, Maseno University.

2012-2016: Tutorial Fellow, Department of Geography, Maseno University

2010- 2012: Graduate Assistant, Department of Geography, Maseno University

2007-2010: Tutor, Busia Teachers Training College

ADMINISTRATIVE RESPONSIBILITIES

2021 To date: Chairman, Department of Geography and Natural Resources Management
2021 To date: Chairman and Member of departmental curriculum review committee
2022 To date: Chairman, departmental board of Post graduate studies
2022 November: A member of Ad Hoc committee on review of policy on Valedictorians and Honorary Graduates
2021 2022; Member, SASS IT Curriculum decentralization committee
2017 -2021: Departmental Fieldwork coordinator
2017-2021: School Representative at Board of Postgraduate studies committee
2008-2010: Dean of Curriculum, Busia Teachers Training College
2007- 2008: Dean of Students, Busia Teachers training college

TRAININGS /WORKSHOPS

19th-20th September 2019 Advances in Sustainable Energy Materials for Africa II Workshop, held at Kisumu Hotel
29th March, 2019 Researchers Mobilization and Awareness creation on the upcoming EU's Funding Schemes on Horizon 2020 Calls for Proposals, Organised by Directorate Research and Publications, Maseno University held at Maseno University Boardroom
17th-19th Oct. 2018 Research Proposal Writing. Organised by DAAD Alumni, Maseno University held at Kisumu Hotel
29th - 31st May 2015 Research Grant Proposal Writing. Organised by Directorate Research and Publications, Maseno University held at Maseno University Boardroom.
24th-25th Nov.2010: Capacity Building in ICT- Pedagogy. Organized by Dalarna University Sweden and Maseno University, held at the e-learning Centre, Maseno University.
23rd – 27th March, 2007: Certificate in Gender Mainstreaming in Higher Education.

POST GRADUATE SUPERVISION

Doctorate Dissertations

Gilbert Omendi Maumbe PHD/NS/00058/2019 (PhD) The Influence of Socioeconomic and demographic factors on infant mortality in Kakamega central sub-county, Kakamega County, Kenya (submitted)

Indiatsy Christopher Masinde PHD/NS/00062/2018 (PhD) An Assessment of the Impacts of Climate Variability and Mitigation Strategies On Farming Activities In Baringo County Kenya (on going)

Petronillah Shumila Mutenyi PHD/NS/00059/020: (PhD) The effects of Land use/land cover changes on land quality, water quantity in khwisero sub county (on going)

Moureen Adamba Lusigi PHD/NS/0063/2020 (PhD) The Influence Of Alternative Livelihood Strategies On Household Food Security For Smallholder Farmers In Lurambi Sub-County Kakamega County, Kenya (ongoing)

Emma Anyango PHD/FA/00006/021 (PHD) Influence of Silvicultural Regimes on woody species density, diversity, and abundance n Nandi Forest Nandi County Kenya. (ongoing)

Joan Namasaka Mukwana PHD/FA/00008/021 (PHD) Assessment of Invasive Plant Species Response to Resource Competition, Ecological Dominant and Disturbance in Kakamega Forest, Kenya (ongoing)

Grace Andeyo Onoka PHD/FA/00057/021(PHD) The Influence Of Artisanal Gold Mining Practices On River Yala and its Tributaries Ecosystem Services in Kakamega And Vihiga Countries, Kenya (ongoing)

Rosemary Akinyi Owigar PHD/GEO/00003/06 (PHD) Vulnerability Of Highland Communities To Climate Induced Epidemic Malaria (ongoing)

Masters Dissertations

Loy Kinda Oduor MA/FA/00038/020: Influence of Geographical Segregation on Fertility of Women in Kisumu East Sub county, Kisumu County, Kenya (ongoing)

Tom Odundo MA/FA/00094/019: Effect of Rainfall Variability on Food Crop Production in Nyando Sub- county, Kisumu County, Kenya (submitted)

Berryl Ojung'a Atieno MA/NS/00151/013: Influence of Dyke Characteristics on Human Activities of the Community in Lower River Nyando Basin, Kisumu County Kenya (ongoing)

Christine Atieno Juma MA/NS/00085/018: Influence of Anthropogenic Activities on Terrestrial Flora And Fauna Species Conservation In Rachuonyo South Sub County, Kenya (submitted)

David Ochieng Oduor MA/NS/00123/014: Influence of Land use Practices on Dorminant Tree Species Diversity, Richness, Evenness and Abundance in Ugenya Sub-county, Kenya (**Graduating December 2023**)

Grace Andeyo Onoka MA/NS/00119/014: The influence of Artisanal Gold mining on livelihoods in Ikolomani Sub county kakamega county, Kenya (Graduated Feb, 2022)

Bebendetta Mukui Kiilu Msc/Sc/00090/016: Environmental Management Practices as determinant of financialand non- financial performance of hotels in Kenyas Lake region tourism circuit (Graduated Feb, 2022)

THESES EXAMINED

Omune Beryl Atieno, Msc/Sc/00012/2015: Environmental Management Practices and Financial Performance of Three to Five Star Hotels in Kenya. Department of ECOHIM, Maseno University

Evans Kabi Sogonipg/Ns/00073/2014: Effects of Rainfall Variability on Sugarcane Production in Mumias Sub County, Kakamega County, Kenya.

Oluoch Wycliffe Agumba -Pg/MA/00005/2013: Effects of *Epigeal Termitaria* Physiography, Altitude and Location on Vegetation Abundance in Katolo Sub-Location, Kisumu County, Kenya.

Emma Anyango PG/MA/00088/2013: Influence of forest fragmentation on Tree species richness and abundance in the detached fragments of Kakamega forest, Kakamega County, Kenya.

Catherine Nyongesa MA/NS/00149/013: Influence of crop diversification on the resilience of agricultural land production among small holder farmers in Bungoma South sub- county, Kenya.

Joan Namasaka Mukhwana PG/MA/00007/2013: Influence of Buffer Zone regimes on Tree species health, richness, abundance and density in Kakamega forest, Kakamega County, Kenya.

PUBLICATIONS

Gilbert O. M., **Mutavi I. N.**, & Obuoyo J.A., (2023) The Contribution of the Geographical Area of Residence on Rural-Urban Differentials in Infant Mortality in Kakamega Central Sub-County, Kakamega County, Kenya; *International Journal of Social Sciences and Management Review*, Volume: 06, Issue: 02 March - April 2023, ISSN 2582-0176, <https://doi.org/10.37602/IJSSMR.2023.6212>

Gilbert O. M., **Mutavi I. N.**, & Obuoyo J.A., (2023) The Effect of Distance Covered to the Nearby Medical Facility on the Death of Infants in Rural and Urban Areas of Kakamega Central Sub-County, Kakamega County, Kenya; *World Journal of Advanced Research and Reviews*, 2023, 17(03), 842–852, <https://doi.org/10.30574/wjarr.2023.17.3.0489>

Oduor, D. O., **Mutavi, I. N.**, & Long'ora, A. E. (2022) "Effects of Socio-cultural Attributes on Dominant Tree Species Diversity in Ugenya Sub-County Siaya County, Kenya", *African Journal of History and Geography*, 1 (1), pp. 39-48. doi: 10.37284/ajhg.1.1.831.

Grace O. A & **Mutavi I.N.** (2021) The Influence of Artisanal Gold Mining Income on the Acreage of Arable Land in Ikolomani Sub County Kenya, *East African Scholars Journal of Agriculture and Life Sciences\ Volume- 4Issue- 7 Aug-2021\ISSN 2617-7277 Volume-4 | Issue-7 | Aug-2021/*

Grace O. A, Oindo B.O & **Mutavi I.N.** (2021) The Influence of acreage of Land under Artisanal Gold Mining on Maize Crop Yields in Ikolomani Sub County, Kakamega Kenya, *East African Scholars J Agri Life Sci ISSN 2617-4472 (Print) | ISSN 2617-7277 (Online) Volume-4 | Issue-6 | July-2021/*

Mutavi, I. N & Long'ora A.E. (2019) Establishment of Higher Terrestrial Plants and Animal Species Found in Matayos Division of Busia County, Kenya, *International Journal of*

Research and Innovation in Social Science (IJRISS) |Volume III, Issue III, March 2019|ISSN 2454-6186.

- Mutavi, I. N & Long'ora A.E.** (2019) Assessment of the Effects of Anthropogenic Activities on Terrestrial Biodiversity Conservation in Matayos Division of Busia County, Kenya *EAS Journal of Humanities and Cultural Studies* \Volume-1, Issue-3, 2019\ISSN2663-6743
- Mutavi, I. N, Oindo, B.O & Bosire, E.** (2015). Influence of Plant Species Richness on Rural Livelihoods in Kibwezi District of Makueni County, Kenya. *International Journal of Humanities & Social Studies, October, 2015 Vol 3 Issue 10 (ISSN 2321-9203.*
- Mutavi, I. N, Oindo, B.O & Bosire, E.** (2015). Influence of Water Availability on Food Crop Production in Semi Arid Areas in Kibwezi District, Makueni County, Kenya. *Scholars Journal of Arts, Humanities & Social Science, An International Publisher for Academic and Scientific Resources. Nov.2015; 3(8B): 1332-1343, ISSN 2347-5374.*

COMPLETED RESEARCH WORK

- “Contribution of Ecosystem Services to Rural Livelihoods in Kibwezi District of Makueni County, Kenya”, A Doctorate Degree thesis submitted to School of Graduate Studies, Maseno University, Kenya.
- “Assessment of the Effect of Anthropogenic Activities on Terrestrial Biodiversity in Matayos Division of Busia County, Kenya”, A Masters Degree thesis submitted to School of Graduate Studies, Maseno University, Kenya.

Research Interests

- Biodiversity issues in developing countries
- Ecosystem Services and Livelihoods
- Climate Change and Biodiversity
- Human- environment interaction
- Sustainable utilization of ecosystems resources for food security to poor households
- Biological Resources Management

REFEREES.

1. Prof. David Ong'arora
Dean, School of Arts and Social Sciences
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2. Prof. Boniface Oindo
Senior Lecturer- Department of Environmental Sciences
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