

CURRICULUM VITAE

Dr. David Ikua Muriithi, PhD

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PERSONAL PROFILE

Dr. David Ikua Muriithi is a lecturer of geography at Murangá University of Technology in the school of humanities and social sciences. Dr. Muriithi earned his Doctorate Degree (PhD) in Geography and Environmental Studies from the University of Nairobi on 15th December 2023. He also holds a master's of arts degree in geography (environmental planning and management) and a Bachelor of Education (Arts-Geography major and Business Studies minor) from the University of Nairobi. Dr. Muriithi has been trained on various modules such as conceptual and methodological seminars, field studies, and scientific writing courses by the International Graduate School (IGS North-South) offered by the University of Basel, Bern, Lausanne, Zurich, and Cetrad-Kenya on global change, innovation, and sustainable development. Dr. Muriithi is a registered member of the Environmental Institute of Kenya and a licensed environmental lead expert by the National Environmental Management Authority (NEMA). Dr. Muriithi is a practicing consultant in environmental impact assessments, environmental audits, waste management, environmental planning, management, and conservation.

PERSONAL DETAILS

Name : Dr. David Ikua Muriithi, PhD
Employment Address : Po Box 75-10200 Murang'a, Kenya
Physical Address : Po Box 54-10204 Kiriaini, Kenya
Mobile phone : +254 723 871 745
Email : davidikua44@gmail.com/david.muriithi@mut.ac.ke/dikua@mut.ac.ke
Nationality : Kenyan
Ethnicity/Tribe : Kikuyu
Religion : Christian
Date of birth : 1st April 1983

Place of birth : Nyandarua County
Gender : Male
Marital status : Married
Offspring : Four
Official Languages : English and Kiswahili
Residence : Kiriaini town, Murang'a County

EDUCATIONAL BACKGROUND

2017-2023

Institution : University of Nairobi
Course : Ph.D. in Geography and Environmental Studies
Area of Specialization : Climate variability, Adaptations, Agriculture and Food Security
Thesis Title : "Analysis of the effects of climate variability and socio-economic factors on adaptation strategies among small scale farmers. A case study of Nyandarua County, Kenya"

2010-2014

Institution : University of Nairobi
Course : Degree in Master of Arts
Achievement : Nine units (A-Excellent), 2 units (B-Good), Project Paper-4 units (B-Good)
Area of specialization : Geography and Environmental Studies (Environmental Planning and Management)
Thesis Title : "Risk factors influencing diarrhoea occurrence among children under five years old in informal urban settlements: A case study of Korogocho, in Nairobi County, Kenya"

2004-2008

Institution : University of Nairobi
Course : Degree in Bachelor of Education (Arts)
Achievement : First Class Honours
Subjects of Specialization : Geography (Major) and Business Studies (Minor)

1999-2002

Institution : Leshau Boys High School-Nyandarua County
Course : Kenya Certificate of Secondary Education (KCSE)
Achievement : B Plain of 65 out of 84 Points

1989-1998

Institution : Mathingira Primary School-Nyandarua County
Course : Kenya Certificate of Primary Education (KCPE)
Achievement : Marks attained (525 out of 700)

CAREER OBJECTIVE

Dr. Ikua Muriithi wishes to have a sustained career growth and development in public institutions as an employee in levels of management, administration, academia, and research.

CAREER PROFILE

Dr. Ikua Muriithi is a self-motivated, ambitious, reliable, and high-integrity individual with excellent interpersonal skills, able to handle challenging tasks, work extra hours, and maintain customer satisfaction.

UNIVERSITY TEACHING EXPERIENCE

1ST MAY 2021 - PRESENT

Institution : Murang'a University of Technology
Post : Part time Lecturer
School : Humanities and Social sciences
Teaching Units : Climatology; Geography of Africa; Geography of Development; Geography of East Africa; Human Geography; Physical Geography; Population Geography; Remote Sensing and GIS; Teaching Methods in Geography; Techniques in Geography; etc.

MAY 2024 – AUGUST 2024

Institution : Gretsia University-Thika
Post : Part time Lecturer
Department : Humanities and Social sciences
Teaching Units : Climatology; Agricultural Geography; Urban Geography; Disaster Preparedness and Management;

17TH SEPTEMBER 2020 – APRIL 2024

Institution : KAG East University
Post : Adjunct Lecturer
Department : Education (Arts)-Geography
Teaching Units : Agricultural Geography; Climatology, Development of Geographic Thought; Environmental Geography; Geography of Africa; Geography of Conservation; Geography of Development; Geography of East Africa; Geomorphology; Human Geography; Physical Geography; Population Geography; Remote Sensing and GIS; Research Methods; Teaching Methods in Geography; Techniques in Geography; etc.

EMPLOYMENT HISTORY

2ND JANUARY 2024 - PRESENT

Institution : Murang'a University of Technology
Post : Full Time Lecturer-Grade 12
School : Humanities and Social sciences
Teaching Units : Climatology; Geography of Africa; Geography of Development; Geography of East Africa; Human Geography; Physical Geography; Teaching Methods in Geography; Techniques in Geography; etc.

17TH SEPTEMBER 2012-DECEMBER 2024

Employer : Teacher's service commission (TSC)
Institution : Kiru Boys High School, Murang'a County
Address : Po Box 54-10204 Kiriaini
Post : Teacher (Geography and Business Studies)
Grade : Senior Master IV-T-Scale 9 (Grade C4)
Other Responsibilities: Dean of Studies

2011-2012

Employer : Equity Bank Limited
Institution : Kariobangi Branch
Post : Credit officer- Micro credit and SME
Other Responsibilities: Loan book management and customer relations

2010-2011

Employer : St Hannah's Schools-Nairobi
Post : Teacher (Geography and Business Studies)
Other Responsibilities: In charge of boarding-boys section

2009-2010

Employer : Nyahururu Highway Schools
Post : Teacher (Geography and Business Studies)
Salary attached : Ksh. 15,000 per month
Other Responsibilities: In charge of co-curricular activities

PROFESSIONAL TRAINING AND REGISTRATION BODIES

2023

Institution : International Graduate School (IGS North-South) offered by the University of Basel, Bern, Lausanne and Zurich on global change, innovation and sustainable development.

Modules : conceptual seminars, methodological seminars, field studies, and a scientific writing course

Achievement : 5 ECTS (European Credit Transfer System)

2015

Institution : EIK & National Environmental Management Authority (NEMA)
Registration : Environmental Associate Expert (Expert Reg No. 7832)
Function : Environmental Impact Assessment and Audit

2010

Institution : Teachers Service Commission
Registration : Registered Secondary School Teacher

2009-2010

Institution : African Institute of Research and Development Studies-Nairobi
Course : Certificate in Computer Proficiency
Computer Packages : SPSS, MS Word, MS Power point, MS Excel, MS Access, MS Publisher, Adobe Page Maker and Arch-GIS

Achievement : Distinction

POSTGRADUATE TEACHING AND SUPERVISION

2025: Teaching Master of Education (Geography Methods) Units at Murang'a University of Technology (TDC 833-Objectives and Content in Geography Education; TDC 834-Methods, Aids and Resources in Geography Education; TDC 862-Programme Innovation and Learner Participation in Geography)

RESEARCH AND PUBLICATIONS

1. Muriithi, D. I., Wambua, B. N., & Omoke, K. J. (2023). Assessment of Rainfall Variability and Maize Crop Farming in Nyandarua County, Kenya: *International Journal of Agriculture, Environment and BioResearch* Vol. 08, No. 01; 2023 ISSN: 2456-8643 <https://doi.org/10.35410/IJAEB.2023.5801>
2. Muriithi, D. I., Wambua, B. N., & Omoke, K. J. (2021). Constraints and Opportunities for Greenhouse Farming Technology as an Adaptation Strategy to Climate Variability by Smallholder Farmers of Nyandarua County of Kenya. *East African Journal of Science, Technology and Innovation*, 2 (Special Issue). Retrieved from <https://eajsti.org/index.php/EAJSTI/article/view/333>
3. Muriithi, D. I., Wambua, B. N., & Omoke, K. J. (2020). Characterization of Small Scale Farmers' Low Levels of Adoption to Crop Insurance as an Adaptation Strategy to Climate Variability in Nyandarua County of Kenya: *Asian Journal of Agriculture and Food Sciences*, 8(4). <https://doi.org/10.24203/ajafs.v8i4.6262>
4. Muriithi, D. I., Wakajummah, J. O., & Omoke, K. J. (2020). Access to Clean Drinking Water and Diarrhea Occurrence among Children Under Five Years Old in Informal Urban Settlements: A Case Study of Korogocho, in Nairobi County, Kenya: *The International Journal of Humanities & Social Studies*, 8(8). <https://doi.org/10.24940/theijhss/2020/v8/i8/154284-380430-1-SM>
5. Muriithi David Ikua (MA)₁*, Wakajummah John Obwa (MA)₂, Kennedy Japhan Omoke (Ph.D.)₂ (2021). Environmental Risk Factors Influencing Diarrheal Occurrence among Children Under Five Years Old in Informal Urban Settlements: A Case Study of Korogocho, in Nairobi County, Kenya; *Scholars Journal of Arts, Humanities and Social Sciences*; open

access; ISSN 2347-9493 (Print) | ISSN 2347-5374 (Online)
https://saspublishers.com/media/articles/SJAHSS_91_19-23.pdf

6. Muriithi, D.I., (2024). Socio-Economic Determinants of Diarrhea Occurrence Among Children Under Five Years Old in Kenyan Slums: A Case Study of Korogocho, In Nairobi County, Kenya; WWJMRD 2024; 10(09): 22-29 www.wwjmr.com International Journal Peer Reviewed Journal Refereed Journal Indexed Journal Impact Factor SJIF 2017: 5.182 2018: 5.51, (ISI) 2020- 2021: 1.361 E-ISSN: 2454-6615; <https://wwjmr.com/archive/2024/9/2265>

ONGOING MANUSCRIPTS FOR PUBLICATION

1. Title: Evaluation of Effectiveness of Adaptation Strategies to Climate Variability in Nyandarua County, Kenya. *Pan African Christian University Journal*. Article id: 63 – Article Text – 254 – 1 – 4 – 2022 ; <https://pacujass.pacuniversity.ac.ke/index.php/PACUJASS>
2. Title: Assessment of Temperature Variability and Maize Crop Farming in Nyandarua County, Kenya. Journal: *Journal-of-Geography*; Article id: 6239; <https://www.researchjournali.com/journal-of-geography/details.php>

ONGOING BOOKS/CHAPTERS FOR PUBLICATION

1. Kelvin Jaluo Shachile & David Ikua Muriithi (PhD); Title: *Artificial Intelligence and New Social Realities in the Global South*. Accepted Chapter Abstract Title; The Application of AI's Case-Based Reasoning in Social Geography Education in the Global South.

EDITORIAL BOARDS

1. Member of the editorial and review board of the Asian Journal of Agriculture and Food Sciences 2020 (AJAFS).

WORKSHOPS, SEMINARS, CONFERENCES AND FIELDWORK

1. October 25, 2024: Participated in stakeholders' conference on the development of Bachelor of Arts with education (BAE) programme at Murang'a University of Technology in the School of Humanities and Social Sciences.
2. January 18, 2024: Facilitated a CBC/TEP Curriculum Review Capacity Building Workshop Program for KAG-EU Academic Staff.

3. July 2023: Participated in the Summer School of the International Graduate School (IGS North-South) offered by the University of Basel, Bern, Lausanne and Zurich on global change, innovation and sustainable development.
4. 2020: E-Conference on Sustainable Consumption and Production (Scp); Practices in the Horticultural Processing Sector; Call for Abstracts, University of Nairobi
5. 2020: Sustainable Climate Action in Africa Conference (Scaac), 2020. Proceedings and Abstract Presentation; University of Embu; Uoem/Scaac2020-Paper091; www.conference.embuni.ac.ke
6. 18 June 2020: Webinar conference on Waste Management during COVID-19 Pandemic held on and organized: by the UN Environment Programme.
7. 2010: International Field Excursion for the East Africa Environmental Hot Spots and Spatial analysis of Arid and Semi-arid Lands in Kenya organized by University of Bern
8. 2007: Natural Resource use and Restoration, Field Excursion in South Rift Valley-Kenya for the undergraduate students.
9. 2019: Geography workshop for the KCSE examiners at Kagumo High School; Theme; Emerging techniques in geography examination and marking.

AWARDS AND CERTIFICATES

- Award of the University of Nairobi Scholarship of Master's Degree in 2010
- Certificate of the best teacher of the year 2013-Murang'a County, Mathioya Sub County
- Certificate of the best teacher in Geography, based on KCSE 2023-Murang'a County ACK-sponsored schools
- Certificate of training as an experienced award leader by President's Award Kenya.
- Certificate of training by the Summer School of the International Graduate School (IGS North-South) offered by the University of Basel, Bern, Lausanne, and Zurich in partnership with CETRAD-Kenya on global change, innovation, and sustainable development.
- Certificates of participation and responsibility in the 96th Kenya Music Festival held at Moi Girls High School, Eldoret, Uasin Gishu County, between 2nd August and 14th August 2024.
- 2024 Certificate of Excellence in Reviewing Manuscript for Publication for the Asian Journal of Crop Science.

APPOINTMENTS AND OTHER RESPONSIBILITIES

- ✚ 2025 : Appointed as Industrial Attachment Coordinator in the Department of Humanities ; Murang'a University of Technology.
- ✚ 2025 : Appointed and Trained as the school champion for uploading the new curriculums to the Commission of University Education Website in the School of Humanities and social sciences, Department of Humanities ; Murang'a University of Technology.
- ✚ 2024 MUT: Appointed by the Chair of Department-Humanities to accompany students for a geographical field trip for 90 students to the hell's gates in Naivasha
- ✚ 2024 TSC: Appointed by the Teachers Service Commission as a Senior Master IV-T-Scale 9
- ✚ 2023-2024 MUT: Appointed by the Deans schools of Education and Humanities and Social Sciences in MUT to participate in reviewing the Geography curriculum for Bachelor of Education (Arts) and Bachelor of Arts with Education at Murang'a University of Technology to be in line with the Competency Based Curriculum.
- ✚ 2023 KMF: Appointed by the KMF Governing Council and confirmed by the County Director of Education as the Murang'a County KMF secretary
- ✚ 2022 and 2024 MUT: Appointed to Spearhead the establishment of the Geography Laboratory for Murang'a University of Technology which was rated highly by CUE
- ✚ 2022-2023 KAG-EU: Appointed by the Acting DVC as a Board Member of KAG East University in the School of Education and Social Sciences, championing the University's Outreach Programs.
- ✚ 2022-2023 KAG-EU: Appointed by the Chair of Department as the Team Leader of the Geography Sub-departmental committee.
- ✚ 2022 KBHS: Appointed by the Murang'a County Director of Education as a Board of Management Member of Kiru Boys High School under section 56 (1) c of the Basic Education Act No. 14 of 2013
- ✚ 2019 KBHS: Appointed by the Board of Management as the Dean/Director of Studies at Kiru Boys High School with a population of 1100 students and 45 teachers.

PROFESSIONAL AFFILIATIONS AND PORTFOLIOS

- ✚ 2008: Registered by TSC- Reg. no. 532644

✚ 2015: Registered by the EIK-Member

✚ 2015: Registered and Licensed by NEMA as an Associates expert-Reg. no. 7832

COMMUNITY SERVICE

✚ 2023-2024 Kenya Red Cross: Participated in First Aid training and Charity walk in Murang'a County, Kenya.

✚ 2023-2024 Nyeri Hospice: Participated in 10KM Charity to raise funds for cancer patients

✚ 2021-2024 PCEA: Serving as a commissioned PCMF leader of children ministry in the local PCEA church and engaged in visiting children homes and donated foodstuff and free service.

✚ 2017-2024 PAK: Participated in Community youth mentorship and leadership development as a trained and experienced President's Award Kenya Leader.

INTERESTS AND HOBBIES

SPORTS: Music and Travelling

REFEREES

DR. JOHN NDAVULA, PHD

Chairman/Senior Lecturer;

Department of Humanities at Muranga University of Technology

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DR. ISAAC W. KASILI, PHD

Chairman/Senior Lecturer;

Department of Education Arts at KAG East University

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PROF. BONIFACE NZUVE WAMBUA, PHD

Chairman/Senior Lecturer;

Department of Geography & Environmental Studies, University of Nairobi

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