

CURRICULUM VITAE

John Njagi Muriuki

(BSc, PGDE, MSc, PhD)

1.1 PERSONAL PROFILE

Name: John Njagi Muriuki (PhD)
Nationality: Kenyan
Department: Environmental Science and Education
Designation: Senior Lecturer
Email: muriuki.john@ku.ac.ke

Area of specialization

Environmental Sciences: Environmental Ecology; Biodiversity, Conservation; Climate change; Natural Resources; Urban Environments; and Sustainability Science.

Research Interest

Biodiversity & Conservation; Landscape Ecology and Climate Change; Environmental Sustainability Science,

ORCID ID 0000-0002-1029-1679

Educational & Professional Qualifications

FIELD: Environmental Studies

2008 PhD in Environmental Studies

FIELD: Biological Resources Conservation

1994 Master's Degree in Conservation Biology – University of Cape Town

FIELD: Education

1991: Post Graduate Diploma in Education – (Kenyatta University)

FIELD: Biological Sciences

1985 Bachelor of Science Degree ((Bot/Zoo) – (Nairobi University)

Languages: English, Kiswahili, Kikuyu

Computer skills: Excellent

Employment History at

Current Employer: Kenyatta University

Nov. 2017: -Senior Lecturer in School of Environmental Studies, KU.

Jan. 2014 –Oct. 2017 -Senior Lecturer in Environmental Studies & Director Nakuru Campus

October 2008 – To Date: **Lecturer & Founder Chairman, Dept. of Environmental Education**

2007: Lecturer, Kenyatta University

Sept 1997: Employed as Tutorial Fellow, Kenyatta University

1996 -1997: Environmental Ecologist: Ewaso Nyiro South Development Authority
1995 – 1996: Research Scientist - National Museums of Kenya (Biodiversity Section)

Curriculum development activities – greatly involved development of the following curricular:

- (i) Bachelors in environmental Studies (Environmental Resource Conservation).
- (ii) Bachelor of science (Environmental Education)
- (iii) Member of Committee for tender/proposal for Development of Kenya Military Academy Curriculum: Bachelor of science in Military and Security Studies
- (iv) Initiated and coordinated Development of the programme --**Masters in Environmental studies— Climate Change & Sustainability.**
- (v) Initiated and coordinated Development of the programme - **MSc in Sustainable Urban Development.**

Achievements (University)

Development of Environmental Resource Degree programme

Development of Masters in Environmental studies—Climate Change & Sustainability programme

Kenyatta University Coordinator: MSc in Sustainable Urban Development

Development of Kenyatta University Environmental Policy

Founder Chairman- Department of Environmental education

Raising Enrollment at Nakuru Campus (from 416 in Jan 2014 to over 1200 by oct. 2017)

1.2 PUBLICATIONS (From July 2014)

Referred Journals

- Mamo Boru Mamo¹ , **John Muriuki**², and Ezekiel Ndunda² (2025). Climate Change Adaptation Strategies by Gabbra Pastoralists in Marsabit County, Kenya. International Journal of Ecology and Environmental Sciences 51: 00-00, 2025 ISSN: 2320-5199 (Online); <https://doi.org/10.55863/ijees.2025.0523>
- Faith Jepchirchir Mong'o^{1*}, James Kibii Koske, & **John Njagi Muriuki**, (2025). Tea Farmers' Perceptions of the Influence of Climate Variability on Dodder Occurrence in Nandi County, Kenya. *African Journal of Climate Change and Resource Sustainability* ajccrs.eanso.org Volume 4, Issue 1, 2025 Print ISSN: 790-962X | Online ISSN: 790-9638
- Faith Jepchirchir Mong'o^{*} James Kibii Koske, **John Njagi Muriuki** (2024). Dodder infestation on Tea in Nandi County, Kenya. *International Journal of Research in Environmental Science (IJRES)*. Volume 10, Issue 3, 2024, PP 27-32
- Walakira, P., Gichuki, C., **Muriuki, J.**, Ndunda, E., Kasoma, P. M. B., & Majaliwa, J. G. M. (2024). Spatio-temporal Dynamics of Land Use/Cover Change and Associated Carbon Stocks in Kanyabaha Wetland in Rukiga District, Uganda. *Journal of Global Agriculture and Ecology*, 16(4), 7–23. <https://doi.org/10.56557/jogae/2024/v16i48852>.
- 1,Mamo B.M^{*} , 2Ndunda, E. and 2**Muriuki, J.** (2024). Livelihood Vulnerability of the Gabra Agropastoralists to Climate Variability and Change in Marsabit County, Kenya.

- Mamo B.M* , Ndunda, E. and **Muriuki, J. (2024)**. Temperature and Rainfall Trends Analysis using Mann-Kendall and Sen's Slope Estimator Test in Marsabit County, Kenya. *International Journal of Applied Environmental Sciences* ISSN 0973-6077 Volume 19, Number 2 (2024), pp. 107-127.
- Bosire, D., Kamau, B., & **Muriuki, J. (2024)**. Social Economic Challenges of Adaptation to Climate Change in Masinga Sub-County, Kenya. *African Journal of Climate Change and Resource Sustainability*, 3(1), 284-316. <https://doi.org/10.37284/ajccrs.3.1.2167>
- Paul Walakira * , Cecilia Gichuk , **John Muriuki a** , Pantaleon M. B. Kasoma and Ezekiel Ndunda **(2024)**. Mapping Vegetation Types and Land Use Dynamics in Kanyabaha Wetland from 1990 to 2021. *Journal of Global Ecology and Environment* Volume 20, Issue 3, Page 13-27, 2024; Article no.JOGEE.12287 ISSN: 2454-2644
- Paul Chege, Julia Njagi, John Komen, Godfrey Ngure, **John Muriuki** & Margaret Karembu **(2024)**. Best practices for acceptability of GM crops field trials conclusions: lessons for Africa. *GM Crops & Food*, 15:1, 222-232, DOI: 10.1080/21645698.2024.2376415-© 2024 - Taylor & Francis Group, LLC.
- Esther Nyirandorimana^{1*}, Dr. Ezekiel Ndunda¹ & **Dr. John Muriuki: (2020)** Factors Influencing Adaptation Choices Employed by Farmers Against Climate Change to Improve Rice Yield in Bugarama Wetland in Rwanda. *East African Journal of Agriculture and Biotechnology. Volume 2, Issue 1, 2020*
- Innocent Osoro Ngare^{1*} , James Kibii Koske¹ , John Njagi Muriuki¹, George Njagi Gathuku² , Ruth Kangai Adiel¹  **(2020)**. Spatial Ramifications of Dodder Infestation on Urban Ornaments in Mombasa, Kenya. *Current Urban Studies* > Vol.8 No.4, December 2020
- Kenya Innocent Osoro Ngare^{1*} , James Kibii Koske² , **John Njagi Muriuki³** , Evelyn Wemali Chitechi ² and George Njagi Gathuku² (2020). Urban climate variability trend in the coastal region of Mombasa. *African Journal of Environmental Science and Technology* Vol. 14(8), pp. 214-221, August 2020
- Douglas Bwire Ombogoh, Joseph Tanui, Stepha McMullin, **John Muriuki** & Jeremias Mowo **(2016)**. Enhancing adaptation to climate variability in the East African highlands: a case for fostering collective action among smallholder farmers in Kenya and Uganda. *Climate change and Development Journal*, 2016.
- Benson K.Mburu, James B. Kung'u, and **John N. Muriuki** (2015). Climate change adaptation strategies by small-scale farmers in Yatta District, Kenya. *African journal of science and Technology*. Vol.9(9), pp. 712-722 , September 2015,

- OM Mugenda, **JN Muriuki (2014)**. Urbanization challenges in poor slum areas of Nairobi and the role of sustainability science in seeking practical solutions. *African Journal of Sustainable Development - Vol 4, No 3 (2014)*.
- Benson Kamau Mburu, 1*, James Biu Kung'u 2, and **John Njagi Muriuki**. (2014). Effects of Climate Variability and Change on Household Food Sufficiency among Small - Scale Farmers of Yatta District, Kenya. *Journal of Env. (2014), Vol. 03, Issue 02, pp. 19 – 27*.
- Agela W. Maina, Ngethe D. Muhoho & **John N. Muriuki** (2014: Household solid Waste Management Practices and Health Implications among Urban Residence in Ruiru Municipality, Kiambu County Kenya in *Int. Journal of Innovative Research & Studies Vol 3 Issue 7, 2014*.

Administrative Responsibilities:

Current: Departmental Research – Coordinator.

Current: Endowment and Alumni Programmes –Board Chair.

2014 –2017 -Senior Lecturer in Environmental Studies & Director Nakuru Campus

2008 – 2012: Chairman, Dept. of Environmental Education



Dr John Muriuki, PhD
