



Inspiring Innovation and Leadership

KARATINA UNIVERSITY

STAFF PROFILE TEMPLATE



Attach Profile picture []

1. **Name:** Hellen Wangechi Kamiri
2. **Designation:** Associate Professor
3. **Employment details**

School: [School of Agriculture and Biotechnology]

Department: [Agricultural Sciences]

4. Contact Information

Email Address (hkamiri@karu.ac.ke; hwangechi@gmail.com; hwangech@uni-bonn.de):

Research Links:

- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=35111506700>
- Orcid ID: <https://orcid.org/0000-0002-9539-9135>
- Research gate: <https://scholar.google.com/citations?user=6BMCenwAAAAJ&hl=en>

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4. Describe your professional self [your biography – Two Paragraph summary max.]

Prof. Wangechi Kamiri holds a PhD degree in Agricultural Sciences (specialization – Soil science) from University of Bonn, Germany and her research interests are in land use systems research, soil classification and mapping, soil in horticultural landscapes, monitoring and evaluation of soil based research activities and designing of agricultural curriculums for farmers and vocational training institutions.

Hellen has served as Head of department, Dean of faculty and a Deputy Vice Chancellor Academics, Research and Student affairs at an acting capacity, and a member of the research, collaborations and linkages committee of the university. She has over 11 years' experience in university teaching and 15 years in Research and management in International Research Institutions. She has in addition published over 25 peer-reviewed journal articles and conference papers.

Hellen has extensive knowledge in research and training of soil science, agronomy, land use systems, organic agriculture and farmer's extension services and experience in agricultural based research, project development and, project educational training. Dr. Kamiri has been quite versatile in that some of her earlier positions included scientific writer, instructor, trainer, researcher and lecturer. She has also contributed to feature articles and documentaries relating to farming practices in Kenya: for instance, the *New Agriculturist Newsletter* and BBC Radio.

She has published several journal papers and contributed to books relating to land use systems, crop productivity, sustainable agriculture, and produced a training guide of Horticultural production and enterprise development. She is also an independent consultant and trainer in agro-ecosystems based research.

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5. Area/ Field of specialization: [Soil research, land system change, land use interactions, forestry research and tropical mountain studies]

6. Research interests: [Arid lands research, invasive species in landscapes Soil fertility variability in agricultural and forest landscapes]

7. List some of your key published works.

Kamiri, H. W., Mutuku, D., Ndufa, J., & Kiama, S. (2022). Exploring the distribution of soil properties across an open-grazed pastoral system in Laikipia rangelands, Kenya. *Arid Land Research and Management*, 1-18. <https://doi.org/10.1080/15324982.2022.2039976>

- Karienyee, D. K., Nduru, G. M., & **Kamiri, H. W.** (2021). Climate variability and adaptation among small holder banana farmers in mountain regions of Kenya. *Geography, Environment, Sustainability*, 14(1), 161-170. <https://doi.org/10.24057/2071-9388-2019-27>
- Ashiono, F., **Kamiri, H.W.**, Kinyanjui, M (2019). Evaluation of mineral nutrition and growth of *Eucalyptus saligna* seedlings raised on organic – enriched nursery potting media. *Journal of Research in Forestry, Wildlife and Environment - Vol 11, No 1 (2019)* <https://www.ajol.info/index.php/jrfwe/article/view/186259>
- Sitienei, K., **Kamiri, H. W.**, Nduru, G. M., Kamau, D. M., Nyabundi, W. K., & Morogo, M. (2018). Effects of Blended Fertilizers on Yields of Mature Tea Clones Trfk 6/8 and Bbk 35 Grown in Kenyan Highlands. *Indonesian Journal of Agricultural Science*, 19(1), 17-24. DOI: <http://dx.doi.org/10.21082/ijas.v.19.n1.2018.p.17-24>
- Sitienei, K., **Kamiri, H. W.**, Nduru, G. M., & Kamau, D. M. (2018). Nutrient Budget and Economic Assessment of Blended Fertilizer Use in Kenya Tea Industry. *Applied and Environmental Soil Science*, 2018. <https://doi.org/10.1155/2018/2563293>
- Sitienei, K., **Kamiri, H. W.**, Nduru, G. M., Kamau, D. M (2018). Effects of Blended Fertilizers on Leaf Nutrients Content of Mature Clonal Tea in Kenya. *Journal of Experimental Research*. Volume 6 (2). <https://www.cabdirect.org/cabdirect/abstract/20209902168>