

## SUMMARY PROFILE:

**Prof. Hellen Wangechi Mwaura-Kamiri**

**Associate Professor (Soil and Land use Interactions)**

**Turkana University College**

[hkwangechi@tuc.ac.ke](mailto:hkwangechi@tuc.ac.ke); [hwangechi@gmail.com](mailto:hwangechi@gmail.com),

Prof Wangechi Mwaura -Kamiri is an Associate Professor in Soil and Land use Interactions and the Deputy Principal Academic and Student Affairs. She holds a PhD degree in Agricultural Sciences specializing in Soil Science from University of Bonn, Germany. Before joining Turkana University, she served as the Ag. Deputy Vice Chancellor, Academic and Student Affairs at Karatina University, Dean, School of Agriculture and Biotechnology and as a Head of Agricultural Sciences Department in the same Institution. She has over 13 years' experience in university teaching and over 19 years in Research and project management with international research institutions. She is a soil scientist passionate about understanding how soil is managed, drivers of soil and land use changes and their impacts. She is devoted towards predicting the impacts, synergies and tradeoffs of social political and environmental factors on soil attributes and its productivity in rangelands, forestry and agricultural systems. Applied element of her research is working on strategies and approaches that protect soil quality and water for ecosystem sustainability.

Additionally, Prof Wangechi has written several funded proposals including the most recent one DFG-SFB/TRR 228 - CRC project, Future Rural Africa <https://www.crc228.de/projects/B01> where she is one of the two Lead African Co-PI; the Kenya Climate Smart Agriculture (KCSAP) project where she is PI; and as one of the technical persons who wrote the proposal for funding from Green Climate Fund (GCF) for Laikipia County (2017) for the Green Climate Agriculture Project (Ksh 1B) whose funds were made available in 2022.

Prof Wangechi is recognized for her investigations on soil attributes as affected by land use changes in wetlands and arid and semi-arid areas and has been quite versatile in that some of her earlier positions included scientific writer, instructors, 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 and is currently a Junior Professor at the University of Bonn Germany in the Institute of Institute of Crop Science and Resource Conservation. She has supervised 15 (Fifteen) post graduate students to completion, published over 35 peer-reviewed journal articles and conference 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.