

JOSEPH MUTISYA NDUTU

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University Education

BSc Range Management (1986) – Second Class, Upper University of Nairobi

MSc. Soil Science (1992) – University of Nairobi

1991 – Lecturer, University of Nairobi

Brief Bio data

Joseph Ndutu is currently a lecturer , university of Nairobi, department of land resource management and Agricultural Technology. He has taught in the university of Nairobi since 1991. He has also been a section head ,(Soil science section) as well as in charge of the soil and plant analysis Lab. He has a lot of expertise in the areas of fertilizer use and technology, soil testing and plant analysis , Lime requirements and related soil amendments techniques, and remediation of polluted soils. Joseph has been instrumental in student farm/ industrial attachment in the faculty of agriculture . Through the farm attachment many students have secured employment after graduation

He has established extensive links between university community and farmers ,large scale farms and agro- based firms in Kenya.

Students Supervision

- Jonathan Munyao: Early warning system and rain water harvesting technologies as coping mechanisms against climate change in Enkaroni, Kajiado county, Kenya (2011).
- Jeamine Uwanyirigira: Nitrogen and Phosphorous sufficiency levels assessment for irrigated lowland rice growth and yield in Chunuzi, Eastern Rwanda (2016 – 2017)
- Adrien Turamyemirijuru: Effect of timing and methods of mineral fertilizer application of Irish potato (*Solanum tuberosum* R.) performance in Musanze and Nyaruguru Districts, Rwanda (2016 – 2017).
- Okati, S. J. N: Impacts of climate change and variability of the livestock-based livelihood in Enkaroni location of Kajiado districts (2012).

- Antonio Jose Rocha: Effects of Sulphur on yield, nutrient uptake of maize in smallholder farming systems of Manica and Nitamatanda Districts in Mozambique (2017).
- Other research and community-based projects.
- Ndutu, J.M (1991): Phosphorous absorption properties of some acid soils of Kenya
Discovery and Innovation Journal 17:60-66.
- Ndutu J.M. (1991): The fate of applied phosphorous in some acid soils of Kenya.
Discovery and Innovation journal 17:80-87.
- Ndutu J.M. (1998): Forms of phosphorous in some Kenya soils, Discovery and innovation journal 15:36-39.
- Funded by the Commission for Higher Education (CHE), I lead a team of university of Nairobi researchers to teach the Maasai pastoral communities in Kajiado county on best water harvesting technologies, (2009 – 2012).
- A study of the use of various amendments to ameliorate the saline-sodic soils of Kimongo-Kamleza irrigated farms in Taita Taveta county (1994 – 1997), funded by African Academy of Sciences.
- A study of the effect of organic manures and gypsum on the irrigated soils in Kiboko-Makindu soils, Makueni county (1998 – 2001). A KARI – World Banks funded project.