

LUKELYSIA NYAWIRA MWANGI

SENIOR RESEARCH ASSOCIATE

Personal Bio

I'm a quality-oriented professional with over 10 years' experience. I have expertise in sample handling and collection, data analysis, procurement, report writing, and management. Self-motivated individual with proven ability to work well both independently and within a team.

Work Experience

Senior Research Associate

World Agroforestry Centre/
Center for International Forestry Research
2012 - present

Project Assistant

Tropical science Biology and Fertility (TSBF)
2008- 2012

Research assistant

Kenya Agricultural research Institute (KALRO)
2006-2006

Temporary Quality Control Assistant

Mununga Tea Factory
2006- 2006

Research Work

2019-2022 _ MSc. Thesis

Influence of agroforestry tree species on soil chemical properties and arbuscular Mycorrhiza spore abundance in JKUAT long-term agroforestry site, Kenya.

2013 - 2015 _ Project

Effects of soil bulk density on Ponto scolex corethrurus

2008 - 2010 _ PhD Assistant

Impact of agricultural systems and roles of arbuscular mycorrhizal fungi on soil structure to enhance food security and safety

Education

UK -Bangor University Wales

Master of Science in Agroforestry and food security
2019-2022

Kenya Methodist University

Bachelor of Science in Applied Biology (Microbiology)
2013-2015

Kabete Training Institute

Diploma in Applied in Biology (KNEC)
2005-2007

St, Bakhita secondary school

Kenya Certificate of Secondary Education (K.S.C.E)
2000-2003

St Joseph Primary School

Kenya Certificate of Primary Education (K.C.P.E)
1991-1999

Other courses, trainings and competencies

2021 - 2021

Basic occupational health and safety committee awareness training by core occupational solutions

2020-2021

Data analysis in R programming (ggplot2, Plotly, tidyverse packages etc.)

2021-2021

Training on taxonomic identification of arbuscular mycorrhiza fungi held at the National Museums of Kenya

2019-2019

LDSF data analysis and remote sensing training (wool and mohair promotion project)

2013 - 2013

Health education-offered by the voice of prophecy bible correspondence school, East Africa

Workshops & Conferences attended

- People climate and nature by Federal ministry of food and agriculture Production.
- Development of guidelines for measuring, assessing, and monitoring (MAM) soil biodiversity.
- Achieving the SDGs in East African drylands: Pathways and challenges towards a social-ecological transformation of landscapes, livestock, and livelihoods - Drylands Transform
- Soil health assessment through MIR
- Seminar on Mineral and climate controls on timescales of soil carbon stabilization in sub-Saharan Africa.
- Workshop on International Network on Soil Pollution (INSOP)
- CIFOR-ICRAF's Restoration for Resilience Champions

Awards

2019-2021 _ MSc. Scholarship

Awarded the Bangor, Wales scholarship to pursue masters' studies at the United Kingdom.

2018 - 2021 _ Fully funded course

Awarded a fully paid course on identification of species of fungi in soil.

Clubs & Associations

- Member, NETSOB (International Network on Soil Biodiversity).
- Member, YSK (Young Scientists Kenya) -STEM.
- Member, (INSOP)International Network on Soil Pollution

Interests & Activities

- Passionate about sustainable living.
- Meeting new people and making friends.
- Community development and helping the needy.
- Reading journals, novels, and newspapers.
- Travelling, watching movies and listening to music.

References

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