

CURRICULUM VITAE

BIOGRAPHY

Name: Dr Salome Muriuki
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SUMMARY OF QUALIFICATIONS

A Rural Development Researcher and a Lecturer with over 10 years of experience in monitoring and evaluation, capacity building/training and community livelihoods. My areas of expertise include environmental resources management, waste management, advocating for environmental justice, renewable energy technologies (particularly bioenergy options), climate change adaptation and mitigation and rural livelihoods. I hold Honours degree and a PhD in Environmental Sciences, a Masters in Rural Development, and a Higher National Diploma in Entrepreneurship. I have development work experience in Kenya, Uganda and Tanzania.

GRANTS AND AWARDS

2019: Commonwealth Professional Development Fellowship Grant
2011: L'ORÉAL/UNESCO Regional Award for Women in Science in Sub-Saharan Africa
2013: The Climate Food and Farming network (CLIFF) (University of Copenhagen) Grant
2012: The German Academic Exchange Service (DAAD) grant for studying bio-energy

EDUCATION

2014: Doctoral Degree in Renewable Energy Impacts on Climate Change and Livelihoods, Kenyatta University
2007: MSc Degree in Environmental Science and Rural Development. Kenyatta University, Kenya (Distinction).
2003: BSc. Degree in Environmental Sciences, Kenyatta University, Kenya (Honours).
2008: Higher National Diploma in Entrepreneurship and Business management, Institute of Advanced Technology, Nairobi Kenya
1997: KCSE B+, Ndururumo High School

Conferences and Short courses

June 2023: Kenya - India - East Africa International Collaborative Conference on Waste Management and Circular Economy. International Society of Waste Management, Air and Water (ISWMAW), Nairobi, Kenya June 20, 2023
May 2018: Ecosystems Services for Sustainable Development -TBA in Conjunction with Kenyatta University
May 2016: Project Management, Monitoring and Evaluation. Centre for Finance and Project Management
Nov 2016: Online mapping for projects evaluation - International Initiative for Outcome Evaluation (3ies), Cairo Egypt
Natural fibres utilization and management - Bengaluru/India

Sep 2011: Results based monitoring and evaluation - University of Nairobi and MEASURE Evaluation
Feb 2016: Program Monitoring and Evaluation (M&E)- IME evaluators
Apr 2008: Introduction to Geographic Information Systems - Prime Geomatics
Aug 2008: Program Management, Finance and Logistics – CFPM, Nairobi Kenya
Feb 2007: Mitigation and Adaptation of communities to climate change - ACTS, Nairobi

WORK EXPERIENCE

Aug 2009 – Date: Lecturer, *Environmental Sciences Department, Kenyatta University*

- Mentoring both undergraduates and post graduates students
- Supervising students projects and Theses
- Participating in curriculum review and development
- Participating at the school and departmental examination boards
- Setting, administering and marking examinations
- Key subjects taught; Natural resources utilization and management, Soil and Water resources management, Environmental programmes development/monitoring and Evaluation, Solid waste management, Environmental risks and

hazards management, Disaster risks and disaster risks reduction, Advocacy and networking for Environmental Resources Conservation, Global warming and climate change Renewable energy, Climate Change Mitigation and Adaptation, and Rural Livelihoods nexus and other Emerging environmental issues

2016 – 2017: Exams Coordinator, Department of Environmental Sciences Kenyatta University

- Coordinating and managing Examination matters at the Department
- Helping students with Missing marks and Updating the portal accordingly
- Coordinating Examinations Setting, Moderation, Marking and Processing of Results
- Helping with Examinations Administration

May 2012 – December 2015: Monitoring, Learning and Evaluation Consultant, Frente Consulting

- Reviewing project documents (proposal and log-frame), and advising project team on appropriate M&E system
- Preparation of project implementation plans (PIPs) and implementation plan tracking table (IPTT)
- Development of performance indicators for outcome and output deliverables
- Preparation of questionnaires, checklist and protocols for baseline, mid-term and post-ante studies
- Building capacities/training project teams on M&E functions
- Training farmers and TOTs on ISFM practices
- Preparation of templates for data collection and storage
- Back stopping data collection, verification, cleaning and entry into Excel and SPSS programmes
- Data analysis, interpretation and writing up reports

April 2006 to August 2007: PROGRAM OFFICER, *International Service for Acquisition of Agri-biotechnology Applications- (ISAAA/ILRI)*

- Contributing to proposal development using logical framework (agriculture, environment and poverty)
- Coordinating timely implementation of Center projects and ensuring that donor funds are utilized as approved
- Managing partner relations in Kenya, Tanzania and Uganda
- Community mobilization and sensitization – need assessment and identification
- Training of TOTs and farmers on environmental disaster preparedness and management and resource management
- Participating in network/partners consultative meetings and giving a feedback to the office
- Participatory monitoring and evaluation of project activities, and producing reports to donors
- Carrying out projects' environmental impact assessment
- Tracking partners submission of project reports, reacting to changes in the project using innovative approaches
- Representing organization in national and international fora
- Developing communication materials on project lessons and experiences, and sharing with partners

October 2005 to January 2006: TECHNICAL ASSISTANT, *Tropical Soil Biology and Fertility*

- Data collection
- Laboratory soil analysis

June 2003 to October 2005: INTERN, *World Agro forestry Centre (ICRAF)*

- Working closely with the environmental services team at the centre
- Contributing to proposal development- literature search
- Field trial management and tree nurseries management
- Data analysis and report writing

CONSULTANCY WORK

- June 2022 – Assessment of Kenya County Governments (Nairobi, Muranga, Kajiando and Kiambu) on Implementation of Devolved Functions and Funds – Ministry of Devolution
- Social and environmental abuses along the salt manufacturing belt in Magarini, Kilifi county – Kituo Cha Sheria and Action Aid (August, 2019)
- Evaluation of biogas energy technology for rural households and climate change mitigation in Kiambu County, Kenya – Funded by CLIFF Network (2013)
- Training farmers and project stakeholders on participatory monitoring and evaluation on Accelerated Uptake and Utilization of Renewable Energy Technologies in Eastern Africa 2010 -2012 Client - Kenyatta University
- An Evaluation of the Impacts of an Animal Welfare Project on Rural Livelihoods in Mandera district - 2010. Client - ITDG funded by Cordaid and the Brooke Hospital for animals
- An evaluation of Environmental Impacts (EIA) of water boreholes in Isiolo District. 2008. Client - ENNDA funded by the World Bank
- Environmental Audit of water pans in the greater Laikipia – 2009. Client –funded by the GOK
- Trained 12 youth groups in semi-arid Kitui County on Adoption of Agroforestry tree species and practices, for increased food production, livestock fodder, firewood, fruits, and income for sustainable livelihoods

THESIS EXAMINATION

- i. Comparative analysis of indoor air pollution, respiratory infections, types of fuels in rural and urban areas in Kilifi County, Kenya
- ii. Impacts of adoption of biomass briquettes as alternative source of energy on climate change mitigation in Maasai Mau region Narok county, Kenya
- iii. Assessment of human activities on the vegetation of tropical rainforest Kakamega county Kenya - FRED SESWA; N50/CE/21360/2012
- iv. Mass media and effluent waste management in Nairobi - Osieno Namwaya; N50/11058/2004
- v. Determinants of adoption of integrated soil fertility management strategies for maize production intensification, in Embu County, Kenya - Ada Mildred Achieng; N50/CTY/PT/26495/2013
- vi. Waste Water Management in Cotton Wet Processing in Thika Cloth Mills In Kiambu County, Kenya - Alice Waithaka; N50/23020/2011
- vii. Methane and nitrous oxide emissions from cattle excreta at the International Livestock Research Institute, Nairobi County Kenya - Betty Kerubo Gesare; N50/20708/2012
- viii. Long-term use of organic residues and inorganic fertilizer effects on soil microbes and nutrients availability in Nyabeda, Siaya county - Peter Omondi Boro; N50/31707/2015
- ix. EFFECTS OF phosphorus and cassava-soybean intercrop on soybean nodulation in south kivu, democratic republic of Congo - Ciruza Mirali Jackson; A144F/29056/2014
- x. Lime, Manure and fertilize effects on soil chemical properties, maize yield and productivity - Kimiti Winnie Wanjiru; N50/CTY/PT/33497/2014
- xi. Effects of organic and organomineral fertilizer on soil physical properties, growth and yield of tea in Kericho County, Kenya - REF: M/TH/013/2019
- xii. Impacts of adoption of biomass briquettes as alternative source of energy on climate change mitigation in Maasai Mau region Narok county, Kenya
- xiii. Influence of Sheep Management Practices on Habitat of the Endangered Sharpes Longclaw *Macronyx Sharpei* in Kinangop Grasslands, Nyandarua County, Kenya - Mercy Nyambura, Reg No: N50/CTY/PT/24578/2013
- xiv. SOIL moisture, maize yield and soil organic carbon under different soil management regimes in Machakos county, Kenya - Ngie Mwende; A99/29362/2014
- xv. Nutrients Management Options for Enhancing Maize Production Under Conservation Agriculture, in Embu County, Kenya - Njue D. Murimi, Reg No: N50/27706/2013
- xvi. Adoption of Human waste biogas technology by rural households in Kiganjo division, Kiambu County, Kenya - Mugambi Rahab Mumbi (N50/CE/26126/2014)
- xvii. Factors influencing adoption of biogas fuel in selected learning institutions in Nandi County Kenya. Risper Chelagat Tarus; N50/CE/14480/2009

PUBLICATIONS

- xviii. Muriuki S W. (2014). Biogas technology for household energy, sustainable livelihoods and climate change mitigation in Kiambu County, Kenya.
- xix. Muriuki S W. (2014). Factors affecting adoption and use of bioenergy technologies in rural Kiambu County, Kenya.
- xx. Karembu M., Wafula D., Muriuki S. and Were K. (2007). Diffusion of emerging technologies among small scale farmers: A case of tissue culture Banana in East Africa.
- xxi. Muriuki S.W., (2005). Assessment of long-term impacts of Bioenergy wastes food production in Machang'a, Mbeere district, Kenya
- xxii. Muriuki S.W., Shepherd K.D., Mugendi D.N., Warren G.P and Kihanda F.M (2004). Diffuse near infrared spectroscopy as a tool for rapid diagnosis of effects of manure application on soil organic carbon

REFEREES

Prof Kung'u James
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