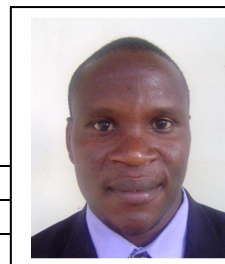


1. Personal Data



Name: Ezekiel Mugendi Njeru
Title/Qualifications: Master of Science (Microbiology) PhD Candidate
Department/Unit/Section: Plant and Microbial Sciences
Contact Address: P.O. Box 43844-00100 Email: njeruezek@gmail.com
Position: Tutorial Fellow/ Assistant Lecturer
Area of Specialization: Microbiology (Agricultural, Soil and Environmental Microbiology)
Research Interests: Plant-mycorrhizal interactions; Biodiversity of soil microbes, plant- microbe interactions in C and N cycling, Molecular analysis of bacterial and fungal communities; Relationships between microbial community shifts and vegetation development; Effects of genetically modified plants on soil communities; Rhizosphere ecology; Effects of soil amendments on microbial communities.

2. Conference Presentations

Invited speaker- conference proceeding on 'Increasing Agricultural Productivity and Food Security in Africa' 1 st -3 rd November 2011, Addis Ababa, Ethiopia. Main organizer- International Food Research Policy Institute (IFPRI).
Conference proceeding on 1st East African Regional Scientific Conference of Pure and Applied Sciences 10th -14th August, 2010 Kenyatta University, Nairobi Kenya
Invited speaker in the conference on ' Sustainable Agriculture for Improved Food Security in Africa; Investing in People and Livelihoods, Durban South Africa on 21st-23rd September 2010.

3. Present research

Effect of breeding and crop diversity management on arbuscular mycorrhiza fungi in low input/ organic farming systems.
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4. Funded projects

S/ No	Researcher	Year	Title	Granting Body
		2011-2014	PhD project	European Union and the Italian Ministry of Education and Research (MIUR)

5. Publications

1. **Mugendi, E.** Giovannetti and L. Avio (2011) Unraveling Soil Fertility Dilemma by Smallholders in Sub-Saharan Africa: Do Arbuscular Mycorrhiza Fungi Have a Role to Play? (Book chapter) International Food Research Policy Institute (Manuscript submitted).
2. **Mugendi, E.** Gitonga, N. Cheruiyot, R. Maingi, J.(2010) Biological Nitrogen Fixation by Promiscuous Soybean (*Glycine max* L. Merrill) in the Central Highlands of Kenya: Response to Inorganic Fertilizer Soil Amendments, World Journal of Agricultural Sciences 6(4): 381-387 ISSN 1817-3047.
3. **Mugendi, E.** Gitonga, N. Cheruiyot, R. Maingi, J.(2010) Response of Promiscuous Soybean Varieties to Phosphorus, Potassium and Sulphur Applications in Eastern Kenya (Book chapter - manuscript reviewed and accepted).
4. **Mugendi, E.** J. Maingi, N. Gitonga and Cheruiyot, R. Symbiotic N₂ Fixation in Promiscuous Soybeans (*Glycine max* L. Merr.) as Influenced by Phosphorus, Potassium and Sulphur Nutrition. Conference proceeding on 1st East African Regional Scientific Conference of Pure and Applied Sciences 10th -14th August, 2010 Kenyatta University, Nairobi Kenya.
5. **Mugendi, E.** (2008) Effects of phosphorus, potassium and sulphur nutrition on nitrogen fixation of promiscuous soybeans in Meru south District, Kenya, MSc. Thesis.

5. Affiliation to Professional Bodies

S/No	Name of professional body
	June 2010- Member- American Society of Microbiology June 2010-Member- Society for Applied Microbiology June 2010- Member- Kenya Society of Microbiology March 2008- date Member African Network for Soil Biology and Fertility (AfNet)
	September 2011- African Journal of Agricultural Research (AJAR)- Reviewer

6. National and International awards and Recognitions

S/No	Name of award or Recognition	Awarding Organization/Body	Year
	ETNA (European Training Network Activity Award)	European Network Training Activity (ETNA)	2011
	Conference travel and accommodation award	IFPRI (International Food Research Policy Institute)	2011

7. Training and workshops

6 th -14 th September 2011	PSC and ETNA Summer school 2011- Food Security; How Can Science and Policy Contribute? Klewenalp, Switzerland.
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15 th – 16 th September 2011	Exploitation of diversity in crop management. SOLIBAM (Strategies of Organic and Low-Input Integrated Breeding and Management) workshop at Scuola Superiore Sant' Anna, Italy
22 November 2011	A theoretical and practical course on root anatomy at Scuola Superiore Sant Anna, Italy

8. Administrative positions held to date

2010 –Academic advisor of Microbiology students

2010 - Departmental assistant examination coordinator