

Dr. Alice J. Kosgei

Email: Email: sonji.aliz@gmail.com/akosgei@wacci.edu.gh/akosgei@machakosuniversity.co.ke

Education background

PhD. Plant Breeding, University of Ghana; MSc. Agronomy, Egerton University; BSc. Agricultural Education and Extension, Egerton University

Field of Specialization

Plant breeding, Agronomy, Crop protection and Education and extension

Work Experience

2015 - Lecturer, Machakos University, school of Agriculture Natural Resources and Management

2006 -2015 - Snr. Lecturer, Kenya School of Agriculture, Nyeri, under Ministry of Agriculture and Livestock and Fisheries

2015 - Part-time lecturer, Karatina University, School of Agriculture and Biotechnology

2015 - Part-time lecturer, Embu University College (A Constituent College of University of Nairobi), School of Agriculture

2015: Part-time lecturer, Laikipia University, Department of Curriculum development 2012-2014 - Research assistant in Tropical Legumes I & II projects funded by under Generation Challenge Program (GCP) in Egerton University

2014: Research work at ICRISAT, Nairobi – chickpea genotyping

2011: Research work at ICRISAT, India – Chickpea breeding and genotyping, handling genotypic data.

Research activities

2012-2014 - Marker assisted breeding for drought tolerance in chickpea improvement funded by Alliance for Green Revolution in Africa (AGRA) and Generation Challenge Programme through West Africa Centre for Crop Improvement, University of Ghana in collaboration with Egerton University/ICRISAT, India and Nairobi

2012 - Hybridization in maize, cowpea and tomato, West Africa Centre for Crop Improvement (WACCI), University of Ghana

2011 - Screening for disease and pest resistance project, WACCI, University of Ghana

Publications and conferences

1. Paul K. Kimurto., Bernard Towett, Richard, S.Mulwa., Nancy Njogu., **Alice Kosgei.**, *et al.* 2014. An overview of chickpea breeding in Kenya. *The Journal of International Legume Society* 3:55-57
2. **Kosgei, AJ**, Kimurto, PK.,Gaur, PM., Mulwa, RK.,Towett, BK., Gangarao, NVPR., Silim, S., Sivakumar, C., Thudi, M and Varshney, RK. 2012. Application of marker assisted selection to improve drought tolerance in adapted Kenyan chickpea varieties. Abstract Book, *VI International Conference on Legume Genetics and Genomics*, October 2-7, 2012, Hyderabad, India.
3. **Kosgei, A.J.**, Kamau, A.W and Tuey, R.K. Use of phosphorus and pymarc in management of beanfly (*Ophiomyia spp.*) on common bean (*Phaseolus vulgaris*) L. *The First International Conference on Pesticidal Plants* 21-24th Jan, 2013, ICIPE, Nairobi