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**OFFICIAL ADDRESS**

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**EDUCATION:**

Doctor of philosophy in population ecology (East Anglia)  
Master of Science in Biology of Conservation (Nairobi)  
Bachelor of Education (Nairobi)

**TEACHING DUTIES**

Teaching ecology, biostatistics, conservation and related courses to undergraduate and postgraduate students

**STUDENT SUPERVISION**

Have successfully supervised eight PhD students, three Msc students. Currently supervising three PhD and three MSc. Students.

**RESERCH INTERESTS**

Biodiversity conservation, agro-ecology, urban ecology

**FUNDED RESEARCH**

Optimization and commercialization of fishery value chain in Narumoru, Kenya (2007-to date) (Funded by KAPP)

## PUBLICATIONS

Mohamed H.M., Khan R.Z, Mueke J.M., Hassanali A., Kairu. E and Pickett J.A. (2007).

Behaviour and biology of *Chilo partellus* (Swinhoe) on *Striga*

*hermonthica* (Del.) Benth. infested and uninfested maize plants. *Crop protection* 26(7): 998-1005

Wale M., F. Schlthess, **Kairu E** and Omwega C. (2007) Effect of cropping systems on cereal stem borers in the cool-wet and semi-arid ecozones of the Amhara region of Ethiopia. *Agricultural and Forest Entomology* 9:1-12

Wale M., F. Schlthess, **Kairu E** and Omwega C. (2006) Distribution and relative importance of cereal stem borers and their natural enemies in the Semi-arid and cool-wet ecozones of Amhara State, Ethiopia *Ann., Soc.Entomol. Fr(ns)* 42 (3-4):389-402

Wale M., F. Schlthless, E.W. Kairu and C.O. Omwega (2006). Cereal yield losses caused by lepidotous stembore at different fertilizer levels in Ethiopia. *J. Appl Entomol* **130(4)**:220-227.

Ngonde L., E.W. Kairu, J.M. Mueke and K.V.Seshu Reddy (2004).Farm management practices and their effects on yield, disease incidence and pest density of banana and groundnut in western Kenya: planting density, intercroppin and banana weevil *Cosmopolites sordidus* Germar (Coleoptera: curculionidae) trapping. *East African Journal of life Science* **5 (2)**:75-85

Emena Getu, W.A. Overholt and E. Kairu (2003). Comparative studies on the influence of relative humidity and temperature on the developmental time of two populations of *Cotesia flavipes* (Cameron). *Ethiop. J. Biol. Sci.* 2(1): 49-60

G. D.Emena, W.A. Overholt, E. Kairu and C.O. Omwega (2003). Evidence of the establishment of *Cotesia flavipes* (Hymenoptera: Braconidae), a parasitoid of cereal stemborers, and its host range expansion in Ethiopia. *Bulletin of Entomological Research* 93:125-129.

L. Ngode, J.M. Mueke, E.W. Kairu and Seshu Reddy (2002). Effects of hot water treatment of banana planting material on establishment, yield and banana weevil *Cosmopolites sordidus* (Coleoptera: Curculionidae). *East African Journal of Science* **3 (2)**:3-10.

G. D.Emena, W.A. Overholt, E. Kairu (2002). Distribution and species composition of stem borers and their natural enemies in Ethiopia. *Insect Science and its Applications* **21 (4)**: 353-359.

M. N. Sallam, W.A. Overholt, E. Kairu, Z. Guofa (2001). Will *Cotesia flavipes* Drive Its African Homologue, *Cotesia sesamie*, to Extinction? *Insect Science and its application* **21(4)**: 297-302.

T. Musabyimana, R.C. Saxena, E.W. Kairu, C.K.Ogol and Z.R.Khan (2001). Effects of Neem Seed Derivatives on Behavioral and Physiological responses of the *Cosmolites sordidus* (Coleoptera: Curculionidae). *Journal of Economic Entomology*.

T. Musabyimana, R.C. Saxena, E.W. Kairu, C.K.Ogol and Z.R.Khan (2000). Powdered Neem Seed and Cake for the Management of the Banana Weevil, *Cosmopolites sordius*, and Parasitic Nematodes. *Phytoparasitica* **28(4)**: 321-330.

M. N. Sallam, W.A. Overholt and E.W.Kairu (2000). Dispersal of the exotic parasitoid *Cotesia flavipes* in a new ecosystem. *Entomologia Experimentalis et Applicata* **0:1-7**

### **Professional associations**

Ecological society for Eastern Africa

Registered lead expert -Environment impact assessment and auditing (by NEMA)

Nature Kenya