



Name of Faculty/Staff: Lucy Wamuyu Muithui

Designation/Rank: Assistant Lecturer and Current COD, Institute of Arid Lands Management (IALM)

Laikipia University: School of Science and Applied Technology

EDUCATION BACKGROUND

2008 - 2011 Master of Science in Desert Studies specialising in Ecology of Drylands Ben Gurion University of the Negev, Israel. •Principal Subjects: Ecology topics, statistics Title of thesis: Impact of single farm establishments on the diversity of reptiles and beetles in the Ramat HaNegev desert, Israel.

2003 - 2007 Bachelor of Science in Wildlife and Tourism Management University of Nairobi, Kenya •Principle subjects: Zoology topics, Ecology topics, natural resources management.

Brief Auto-biography of the Faculty/Staff

Wamuyu holds a Master's of Science in Desert Studies Specialization in Dryland Ecology from Ben Gurion University of the Negev, (Israel), Bachelor of Science in Wildlife and Tourism Management from the University of Nairobi. She also holds a number of certificates relating to biodiversity conservation.

Her research interests are in sustainable utilisation of drylands resources especially dryland farming, oasis management and forests. She is actively involved in wildlife conservation especially mammals, birds and amphibians.

Research projects:

1. Turtle Conservation Fund Award, 2015 \$ 3,000 - Genetic variability of Pancake tortoise (*Malacochersus tornieri*) populations in Kenya

2. African Bird Club Expedition Award, 2013 £1,835 - Enhancing community forest management through avifaunal research and conservation in Mt Kulal, Kenya.
3. African Bird Club conservation Award, 2008 £800 - Survey of conservation status of Amani Sunbird in Arabuko Sokoke forest using standard point count technique.
4. African Bird Club conservation Award, 2008 £650 - An avifauna survey of Mandera and Daua River, North Eastern Kenya.

Conferences:

1. Kurgat, B.K., Muithui L.M., and Kosgey, I.S. (2014). The Role of Women in Pastoral Communities: Implication on Food Security in Arid and Semi-Arid Lands in Kenya. 2nd Laikipia University International Conference, May 20th to 23rd 2014, Nyahururu, Kenya.

Publications

1. Ngaruiya, G. W., & Muithui, L.W., (In preparation). Deconstructing a pastoralists' network to evaluate climate adaptation in the sector: Case study of Narok, Kenya.
2. Groner E., Orenstein D., Lihoud O., Muithui L.W., Arnon O. & Tal A. (2012). The impact of single family farms on the environment in the Negev. Ecology and Environment. vol 3 (4) pp 320-329.
3. Muithui, L. W., (2012). A Review of various options for Alleviating Human Wildlife Conflict in Kenya. Kenya Institute for Public Policy Research and Analysis - (KIPPRA). DP/138/2012.
4. Muithui, L. W., (2012). Status of Human-Wildlife Conflict in Kenya (Policy Brief) Kenya Institute for Public Policy Research and Analysis - (KIPPRA).
5. Muithui, L. W., (2010). Impact of single farm establishments on the diversity of reptiles and beetles in the Ramat HaNegev desert, Israel. MSc thesis at BenGurion University of the Negev.