

Curriculum Vitae of Elizabeth Nduku Muthiani

MUTHIANI Elizabeth is a Kenyan and a holder of M.Sc. Degree in Biology of Conservation and undertaking PhD in Dry Land Resource Management at the University of Nairobi. Her research and development interest are in natural resource management particularly on livestock wildlife interactions in the pastoral areas. After her B. Sc in Range Management, she worked with the Gallmann Memorial Foundation, an NGO based in Laikipia Ranching Company Limited, Laikipia District, Kenya, with interests in promoting coexistence of wildlife and livestock in the drylands of Kenya. After her M.Sc, she has been working with Kenya Agricultural Research Institute (KARI) in-charge of research on Livestock wildlife interactions based at Kiboko Range Research Centre.

In 2000 -2001, she was a research fellow at the International Livestock Institute (ILRI-Kenya). She can be contacted at: Kenya Agricultural Research Institute, Kiboko Range Research Centre, P.O Box, 12, 90138, Makindu, Kenya. Cell. Phone 0722 899 289. Email: enmuthiani@gmail.com.

Contact Address: Kenya Agricultural Research Institute. Kiboko Range Research Centre ,
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Objective: To contribute effectively to sustainable Natural Resource Management by developing relevant technologies and empowering communities with technical knowledge and information.

Work Experience

- 1999 – 2009. Research Officer, Kenya Agricultural Research Institute at the Range Research Centre, Kiboko. In charge of Research on Livestock Wildlife Interactions in pastoral areas.
- 2005 – 2007:** Implementing a joint MoLD/ILRI/KARI project on development of Community Based Early Warning System (CB-LEWS)
- Oct 1999 – 2004:** Principal Investigator in Implementing a project on ‘Integrated stocking rates of selected browsers and grazers and socio-economic viability of integrating wildlife and livestock in selected ASALs’ under the EU funded Agricultural Research Support Program (ARSPII).
- 2004- 2005:** Implementing a joint KARI/ILRI Project on Crisis Mitigation in Livestock Systems in the Greater Horn of Africa: From Relief to Development
- March 2002- 2004:** Coordinator of the Kenya Southern Zone of the Global Livestock Collaborative Research Support Program- Livestock Early Warning System (GL_CRSP\ LEWS) project).
- Oct 2000 – Sept 2001** Research fellow at International Livestock Research Centre (ILRI), Nairobi. Carried out a research on “ Socioeconomics of community Wildlife-based enterprises; A case study of Kajiado and Laikipia Districts, Kenya”.

Sept 1998 – Jul 1999: Working with the University of Nairobi as a Research Assistant in the Department of Range Management on ‘Integration of Rangeland Livestock and Cropping Systems for Semi Arid Rangeland Development’ at Kibwezi Dry Land Research station, University of Nairobi

April 1993 – Dec 1997: Ecologist for the Gallmann Memorial Foundation in Laikipia Ranch. Charged with establishment of an Ecological Monitoring System for the Laikipia Ranching Company Limited, a mixed Livestock –Wildlife Ranch. Helped develop and implement short –term research projects for students from both local and overseas universities.

Education Background

2008	PhD Dryland Resource Management (in progress)
2005	MSc. Biology of Conservation. University of Nairobi
1992	Bsc. Range Management (Upper Second Class Hons). University of Nairobi

Publications in Refereed Journals

1. Muthiani E.N and Karimi S.K. 2007 Participatory Identification' of Factors inhibiting deliberate integrated production of Livestock and wildlife in Kenyan Rangelands. *In. Discov and Innov.19(2), 246-250*
2. Mizutani, F., **Muthiani, E.N.**, Kristjanson, P. & Recke, H. 2005. Impact and value of wildlife in pastoral livestock production system in Kenya: Possibilities for healthy ecosystem conservation and livestock development for the poor. In : Osofsky S.A (ed). Conservation and Development Interventions at the Wildlife/Livestock Interface. Implications for Wildlife, Livestock and Human Health. Occasional Paper of the IUCN Species Survival Commission No. 30
3. Muthiani, E.N. and Kristjanson, P. 2003 Socioeconomics of community-based wildlife utilization enterprises in ASALs. Case studies from Laikipia and Kajiado Districts. *African Journal of Range and Forage Science.* 20(2), 109

Publications in Conference Proceedings

1. Muthiani E.N., Kirwa E.C, Ndathi.,A.J.N., Ndungu, J.N., Manyeki, J.K. and Mnene W.N. **2008.** Feeding Habits of Pastoral and Agro Pastoral Communities in the Southern Rangelands of Kenya. ***Paper Presented at the World Conference of Animal Production held at Cape Town, South Africa on 23 – 29 October 2008.***
2. Muthiani E.N.¹, Mnene W.N.¹, Ndathi, A.J.N.¹, Ndungu, J.N.¹, Manyeki, J.K.¹ and Musembi D.K.¹ **2008** Changing Perceptions on Traditional Indicators of Weather in the ASALs. ***Paper Presented at the 11th Biennial KARI Conference held at KARI Headquarters on 10-14 November 2008.***

3. Muthiani E.N, Kirwa E.C and Ndathi A.J.N. 2006 Status of Chicken Consumption and Marketing Among the Maasai of Kajiado District, Kenya. *A Paper presented at the 10th KARI Biennial Scientific Conference held at KARI Headquarters on 12-17th November 2006.*
4. Muthiani E.N. and F. Mizutani 2004 The Future of Community Wildlife Sanctuaries: The Case of Kimana, Kajiado District, Kenya. *A Paper presented at the 9th KARI Biennial Scientific Conference and First Kenya Agricultural Research Forum held at KARI Headquarters on 8-12th November 2004*

Technical Reports

1. Muthiani, E.N. 2001 Wildlife utilization for community benefit. An Assessment of ecological and socio-economic viability of community wildlife utilization enterprises in Laikipia and Kajiado District of Kenya. KARI/ILRI internal technical report.
2. Abdi Jama, Margaret Kingamkono, William Mnene, Joseph Ndungu, Angelo Mwilawa, Jane Sawe, Steven Byenkya, **Elizabeth Muthiani**, Ezekiel Goromela, Robert Kaitho, Jerry stuth, Jay Angerer 2003. Global Livestock Collaborative Research Support Program. University of California- Davis. 258 Hunt Hall. Davis, California 95616 USA.

REFEREES:

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