

## **DR. MARTHER W. NGIGI**

*BSc. Agribusiness Management (UoN), MSc Agricultural and Applied Economics (UoN) PhD in Agricultural Economics and Policy (ZEF, University of Bonn, Germany)*

*Chair, Department of Agribusiness Management*

### **Area of Expertise**

Proficient and experienced *Agricultural Economist and Policy Analyst* with over seven years of conducting scientific and interdisciplinary research and implementing multidisciplinary projects in food security, food systems, gender, governance and climate change and policy. Have an outstanding record of writing and publishing a book, technical reports and peer-reviewed scientific papers.

### **Educational Background**

- July 2012 – September 2017     **University of Bonn, Department of Economics and Technological change, Center for Development Research (ZEF), Germany**  
Doctor in Agricultural Economics and Policy  
Overall Grade – ‘**Magna Cum Laude**’ (‘**Very Good**’)  
Dissertation Title  
*‘Managing risk under climate change in Kenya: Multiple shocks, poverty, gender, and potential for group-based approaches’*
- October 2008–September 2010     **University of Nairobi and University of Pretoria, South Africa**  
Completed Masters in Agricultural and Applied Economics  
Overall grade – ‘**A**’  
M.Sc. thesis Title  
*‘Urban Consumers’ Willingness to Pay for Quality of Leafy Vegetables along the Value Chain: The Case of Nairobi Kale Consumers, Kenya’*
- October 2004–July 2008     **University of Nairobi**  
Completed Bachelor of Science in Agribusiness Management

### **Peer reviewed journal articles/ Discussion papers**

Njiraini G.W. and **Ngigi M.W.** 2018. The gender dimension of innovation in agricultural value chains in Africa. (Under review – *ZEF Working Papers on Development Policy*).

**Ngigi, M.W.**, Mueller, U., and Birner, R. 2017. Gender Differences in Climate Change Adaptation Strategies and Participation in Group-Based Approaches: An Intra-Household Analysis From Rural Kenya. *Ecological Economics* 138:99–108. URL:

<http://www.sciencedirect.com/science/article/pii/S0921800915302275?via%3Dihub>

**Ngigi, M.W.**, Mueller, U., Birner, R. 2018. Farmers' intrinsic values for adopting climate-smart practices in Kenya: empirical evidence from a means-end chain analysis. (2<sup>nd</sup> round of review – Climate and Development)

**Ngigi, M.W.**, Mueller, U., Birner, R. 2015. Gender differences in climate change perceptions and adaptation strategies: an intra-household analysis from rural Kenya. ZEF-Discussion Papers on Development Policy No. 210).

**Ngigi, M.W.**, Mueller, U., Birner, R. 2015. The role of livestock portfolios and group-based approaches for building resilience in the face of accelerating climate change: An asset-based panel data analysis from rural Kenya. ZEF-Discussion Papers on Development Policy No. 205.

**Ngigi, M.W.**, Okello, J.J., Lagerkvist, C.L, Karanja, N.K., Mburu, J. 2011. Urban Consumers' Willingness to Pay for Quality of Leafy Vegetables along the Value Chain: The Case of Nairobi Kale Consumers, Kenya. International Journal of Business and Social Science Vol. 2 No 7. (Special Issue), 208-216.

Lagerkvist, C.J., **Ngigi, M.W.**, Okello, J.J., Karanja, N. 2012. Means-End Chain approach to understanding farmers' motivations for pesticide use in leafy vegetables: The case of kale in peri-urban Nairobi, Kenya. Crop protection 39, 72-80.

Okello, J.J., Lagerkvist, C.J., **Ngigi, M.W.**, Karanja, N. 2014. Means-End Chain Analysis Explains Soil Fertility Management Decisions by Peri-Urban Vegetable Growers in Kenya. International Journal of Agricultural Sustainability, 12(2). <http://dx.doi.org/10.1080/14735903.2013.816458>.

Kutto, E., **Ngigi, M.W.**, Karanja, N., Kangethe, E., Bebora, L.C., Lagerkvist C.L., Mbutia, P.G., Njagi, L., Okello, J.J. 2012. Bacterial contamination of kale (*Brassica oleracea*) along the supply chain in Nairobi and its environment. East African Medical Journal 88(2), 46-53.

Okello, J.J., Lagerkvist, C.J., Hess, S., **Ngigi, M.W.**, Karanja, N. 2012. Choice of fresh vegetable retail outlets by developing-country urban consumers: The case of kale consumers in Nairobi, Kenya. European Journal of Development Research 24, 434-449.  
<http://www.palgrave-journals.com/ejdr/journal/v24/n3/full/ejdr201158a.html>

## **Policy briefs**

Noora-Lisa Aberman, Regina Birner, Eric Haglund, **Marther Ngigi**, Snigdha Ali, Barrack Okoba, Daouda Koné, and Tekie Alemu, 2014. The Policy Landscape for Climate Change Adaptation. A Cross-Country Comparison of Stakeholder Networks.

**Marther Ngigi**, 2014. What Values Motivate Farmers to Adopt Climate-Smart Practices? Empirical Evidence from a Means-End Chain Analysis in Kenya.

## Articles in conference proceedings

**Ngigi, M.W.**, Ulrike M. 2015. Gender differences in climate change perceptions, adaptation and participation in group-based approaches: an intra-household analysis from rural Kenya. Paper prepared for presentation at the 24<sup>th</sup> IAFFE Annual Conference, Berlin, Germany, July 16-18, 2015.

**Ngigi M.W.**, Mueller, U., Birner R. 2014. The Impact of Multiple Shocks on Household Asset and Poverty in rural Kenya. Paper prepared for presentation at the Tropentag 2014, Czech University of Life Sciences, Prague, Czech Republic, September 17-19 2014.

**Ngigi M.W.**, Birner R. 2013. Shocks, adaptation and livestock asset in Kenya, Evidence using panel data. Paper prepared for presentation at the 4<sup>th</sup> African Association of Agricultural Economics, AAEE/ AEASA Conference in Hammamet, Tunis – Tunisia, September 23-25, 2013.

**Ngigi, M.W.** 2013. Gender, Assets and Climate Risk Management in Kenya. Paper prepared for presentation for Tropentag 2013, University of Hohenheim, Germany, September 17-19, 2013.

**Ngigi, M.W.**, Bryan, E., Birner, R., Ringler, C., Okoba, B. 2012. Role of Group Participation in Access to Climate (Change) Information and Adaptation to Climate Change—Example of Kenya. A paper presented at CAPRI/CAAFS Workshop on Institutions for Inclusive Climate-Smart Agriculture in Nairobi, Kenya, September 10-13, 2012.

## Competitive Awards

1. Ph.D. Fellowship in Agricultural Economics and Policy by Center for Development Research, ZEF, Bonn University, in collaboration with International Food Policy Research Institute (IFPRI).
2. Masters Scholarship Award in Agricultural and Applied Economics (CMAAE) at the University of Nairobi in collaboration with University of Pretoria, South Africa awarded by Africa Economic Research Consortium (AERC).

## Contacts

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