



Contact Details

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AREA OF SPECIALIZATION AND INTERESTS

An agricultural Economist, with special interests economic implications of agricultural policies on people's livelihoods and general welfare. Currently I am a senior Lecturer in the Department of Agricultural Economics and Agribusiness Management, Egerton University, Kenya. As part of efforts to improve delivery of applied courses in agricultural marketing and policy, I have sought to conduct relevant studies on various themes.

SELECTED RELEVANT PRACTICAL EXPERIENCES

- November 2010-March 2011: leader of a team commissioned to conduct a productivity impact assessment of the National Agriculture and Livestock extension Program (NALEP)
- Oct/Nov, 2010: Conducted a study commissioned by NEAPD/AU to assess the efficiency and effectiveness of Rwanda's fertilizer subsidy program.
- May, 2010 Conducted a Desk-Top Review Commissioned By FAO to Document the Evolution of the Poultry Sector in Kenya.
- One of Ten International Experts Identified By Swiss Agency for Development And Co-operations (SDC) to Participation in Trends Interviews Procedure And Expert, 2009
- Member of an inter-disciplinary research team funded by the Kenya Agricultural Productivity Project (KAPP) to conduct a research entitled "Post-Harvest Handling Practices for Value Addition to Enhance Safety, Quality and Marketing of Camel Milk in Laikipia and Isiolo Districts of Kenya"
- July/August 2008: conducted a study commissioned by Food Early Warning Systems Network (FEWS NET) to assess the structure, conduct, and performance of key commodity market systems in Southern Sudan (SS), and to design a market monitoring plan for food security analysis for use in early warning for four major urban areas in SS.
- September/October 2007: conducted a survey commissioned by CNFA/AGMARK to study agro-dealers participation in the marketing of agricultural outputs.

- April, 2007: Conducted the Kenya's part of "Studies on Traceability Systems Applied in Export Chains in Developing Countries" A study commissioned by FAO covering several countries in East and Central Africa.
- 2006/2007: Member of a research team in a study commissioned by United Nation Office for Project Services (UNOPs) to determine the optimum downstream water flow regime of the Turkwel River, which will benefit all stakeholders and all land-usages.
- December 2005 to May 2006: Member of a research team commissioned by United Nation Office for Project Services (UNOPs) to study Somaliland's irrigated farm sub-sector.
- May to August 2005: Conducted a study commission by Food and Agricultural Organization of the United Nation (FAO) to review horticultural production and marketing trends in Eastern & Southern Africa.
- October 2004 to March 2005: Conducted a research commission by FAO to study traceability technologies and practices in Kenya's fruit export.
- April 2004: Conducted a study commissioned by the Association for Strengthening Agricultural Research in Eastern and Central Africa (ASARECA) and the International Food Policy Research Institute (IFPRI) to identify crossing-cutting challenges facing agricultural development in Eastern and Central Africa Region.
- July/August, 2003: Member of a team in a task commissioned by FAO to design a Framework of Poverty Reduction for Malawi.
 - Specific task:*
 - In charge of developing a Farmers' Co-operative/Organization component of the framework.
- 2001 –2003: Collaborator in a research commissioned by IFPRI to identify, analyze and document agricultural successes in Africa as well as evaluating potentials of replication of the successes.
 - Specific contribution:*
 - **Team leader:** Case Study on smallholder dairying covering Kenya, Uganda and Ethiopia.
 - **Co-researcher:** Review of successes of horticultural production— the case of Kenya and Ivory Coast.
- 1994/1995: Research Fellow, Policy analysis Matrix (PAM), a collaborative research project between Egerton University and the United State Agency For International Development (USAID)

- Have a good working experience on several analytical programs and tools including STATA, SAS, GENSTAT, CLUE-S,
- Have been a resource person for many training/workshop on Agricultural marketing, and policy, a reviewer for a number of journals, as well as an external examiner of Masters and PhD thesis in agricultural economic related research topics

A SELECT OF RELEVANT PUBLICATIONS

Journal Articles

- Owour G., Ouma A.S, **Ngigi M.** and Mlongo.P (2009) “Technical Efficiency of Smallholder Farmers in Kenya” *Journal of Agriculture and Rural Development Vol3*
- Olwande J, **Ngigi W**, Nguyo W., and Owour G (2008) “Supply response of Maize farmers in Kenya: A farm-level analysis” *International Journal of Agro-Asian Studies (IJASS) Vol1 No.2*
- Owuor G, **Ngigi M.W.**, Shem Ouma A. and E.A Birachi. (2007). Determinants of Rural Poverty in Africa: The Case of Smallholder Farmers in Kenya. *Journal of Applied Science, vol. 7, Issue 17, p.2539-2543.*
- Obare, G. A., Mwakubo S. M., **Ngigi, M.W** (2002). “Maize Productivity and Production Strategies: An Analysis of Kenyan Smallholder Agriculture.” *International Journal of Agricultural and Rural Development, Vol.3.*
- Owuor G, Ouma A. Shem and **Ngigi, M.W.** Who Gains From Rural Micro-Credit in Africa? The Case of Small-Scale Farm Households in Kenya. *International Journal of Agriculture and Rural Development.* Upcoming issue, Volume 10.
- Owuor G., **Ngigi M.W**, Shem Ouma A. “The Role of Micro-Credit in Rural Development: An Analysis of Group Based Micro-Finance in Kenya.” Paper Accepted for Publication in the Egerton Journal. Accepted in August 2007

Discussion and working papers

- Ngigi, M. W** (2005). The Case of Smallholder dairying in Eastern Africa. EPT Discussion Paper 131 International Food Policy Research Institute. Washington, DC. www.ifpri.org/divs/EPTD/eptdp
- Minot, N and **Ngigi, M.W** (2004) Are Horticultural Exports a Replicable Success Story? Evidence from Kenya Côte d’Ivoire. EPTD Discussion Paper No. 120, MTID Discussion Paper No. 73. International Food Policy Research Institute. Washington, DC.
- Ngigi, M.W.** (2004) Agricultural Policy Challenges and Objectives in Eastern and Central Africa. A background paper commissioned by the Eastern and Central Africa Programme for Agricultural Policy Analysis (ECAPAPA) under the ASERECA-IFPRI Project Strategies and priority for Sub-Regional Agricultural Development and Agricultural Research-for-Development in Eastern and Central Africa. Entebbe: ECAPAPA ASARECA Strategic Planning Paper No. 5.

Policy Briefs

- Ngigi, M.** (2004) Smallholder dairying in Kenya. In Haggblade, S. *Building on Successes in African Agriculture*. International Food Policy Research Institute. Washington, DC. Focus 12. Brief 6 of 10. www.ifpri.org/2020/focus12
- Minot, N. and **Ngigi, M** (2004) Are Kenya's Horticultural Exports a Replicable Success Story? In Haggblade, S. *Building on Successes in African Agriculture*. International Food Policy Research Institute. Washington, DC. Focus 12. Brief 7 of 10 www.ifpri.org/2020/focus10

Conference paper presentation and peer reviewed papers

- Ngigi, M.W (2010). Structure, Conduct And Performance Of Commodity. Markets in South Sudan: Linkages Food Security (www.southernsudan-climis.org/.../South_Sudan_SCP_report_09pdf)
- Juma, G.P., Drucker, A.G., Baltenweck, I. and **Ngigi, M.** Market power and efficiency in indigenous small ruminant marketing channels in Marsabit, Kenya. 12th Annual Conference of the African Econometric Society, 4-6 July 2007, University of Cape Town, South Africa.
- Juma, G.P., Drucker, A.G., Baltenweck, I. and **Ngigi, M.** Consumption of, and Willingness to Pay for Indigenous Small Ruminants' Meat in Marsabit, Kenya. 12th Annual Conference of the African Econometric Society, 4-6 July 2007, University of Cape Town, South Africa.
- Ngigi, M.W.** "Review of Horticultural Production & Marketing Trends in Eastern & Southern Africa" Paper Presented at Sub-regional Network of Horticultural Produce Exporters Workshop, Harare Zimbabwe, 30May-1June, 2005
- Ngigi. MW. Successes in African Agriculture: The Case of Smallholder Dairying in Eastern Africa. Paper presented at the NEPAD/IGAD regional conference. "Agricultural Successes in the Greater Horn of Africa" Nairobi. November 22-25, 2004. www.ifpri.org/events/conferences/2004/20041125/papers.htm
- Minot N and Ngigi M.N "Are horticultural exports a replicable success story? Evidence from Kenya and Côte d'Ivoire". Paper presented at the NEPAD/IGAD regional conference "Agricultural Successes in the Greater Horn of Africa" Nairobi November 22-25, 2004
- Ngigi. M W.** Successes in African Agriculture: The Case of Smallholder Dairying in Eastern Africa. Conference Paper No.5 Paper Presented at the InWEnt, IFPRI, NEPAD, CTA conference, Dec, Pretoria 1-3, 2003.
- Minot, N and **Ngigi, M.W** (2003) Are Horticultural Exports a Replicable Success Story? Evidence from Kenya and Côte d'Ivoire. Paper Presented at the InWEnt, IFPRI, NEPAD, CTA conference, Dec, Pretoria 1-3, 2003. www.ifpri.org/events/conferences/2004/20041125/papers/p14horticultureexports.
- Ngigi, M.W.** (2002) "Successes of African Agriculture: The Case of Smallholder Dairying in Eastern Africa" paper presented at IFPRI Workshop on "Successes in African Agriculture", Lusaka, Zambia, June 10-12, 2002.

- Ngigi, M.W.** and Minot, N. (2002). “Fruit and vegetable production in Kenya: Causes and consequences of growth” paper presented at IFPRI Workshop on “Successes in African Agriculture”, Lusaka, Zambia, June 10-12, 2002.
- Ngigi, M.W.**, Delgado C, Staal S.J. and Mbogoh, S. Role of Market Outlet in Determining Terms for Milk Sales by Smallholders in Kenya. Paper presented at the Symposium on 'Expanding Market Participation in the Developing World', Annual meetings of the American Agricultural Economics Association, July 31 to August 3, 2000, Tampa, Florida.
www.smallholderdairy.org/publications/Conference/Ngigi%20et%20al-2000-Market%20outlet%20and%20milk%20sales-AAEA.pdf
- Ngigi, M.W.**, Delgado C, Staal S.J. and Mbogoh, S. Contractual Forms and Value content: the case of milk sales by smallholder Farmers in Kenya. Paper presented at IFPRI, Brawn Bag Seminar. On 26th July, 2000, Washington DC
www.ifpri.org/events/seminar_2000
- Ngigi, M. W.** “Liberalization and the Dairy Industry” *Policy Analysis Matrix Proceedings of the Conference on Towards 2000: Improving Agricultural Performance*. Sept 21, 1995, Nairobi, Kenya
- Ngigi, M.W.** Key Policy Issues Related to Development of Smallholder Farming System and Potential Farm-Level Information For Their Analysis In Kenya. Paper Presented to The FAO Workshop on Farming System Analysis For Policy Design In Eastern And Southern Africa Held In Arusha, Tanzania.

Book Chapters

- Minot and **Ngigi, M.W.** “Horticulture” *In* Steven Haggblade and Peter Hazell (2010) (eds) *African Agriculture: Lessons for The Future* John Hopkins University Press
- Ngigi M.W**, Ahmed, Ehui and Assefa “Dairy Developments in East Africa”, *In* Steven Haggblade and Peter Hazell (2010) (eds) *African Agriculture: Lessons for The Future* John Hopkins University Press

Research Thesis

- Ngigi, M.W. An Evaluation of the Impacts of Transaction Cost and Market Outlet Risks on Market Participation of Smallholder Dairy Farmers in Central Kenya. Unpublished PhD thesis. University of Nairobi, 2002.
- Ngigi, M. W.** Structure, Conduct and Performance of Egg Marketing between Kiambu and Nairobi. Unpublished Msc thesis. University of Nairobi, 1989.

GRADUATE STUDENT THESIS SUPERVISED

On-going

- Ithinji G.K (PhD). The Role of Agro-Forestry in the Profitability of Open versus Shade Coffee Farming System in Imenti South District, Kenya

Kimani, Tabitha Mugethi Economic Analysis Of Rift Valley Fever Control Options From
A Multisectoral Perspective In Kenya

Njoroge P.N. (Msc.) Determinants of Adoption of Dairy Goat Farming in Kiambu East
District, Kenya

Haggai, L (Msc) Analysis Of Motivational Factors On Demand Behavior For Credit
Among Small-Scale Farmers In Western Kenya

Defended, awaiting graduation ceremony

Juma, Gentry Pamela. Msc. Analysis of Marketing System and Buyer Preference of
Indigenous Small Ruminants

Auma Joseph Onam. Msc. Gender Differentials in Agricultural Production and
Productivity in Smallholder Farmers: Evidence from Marginal Zones of
Rachuonyo and Homa-Bay District.

Gichangi Anne. Msc. Sweet Potato Market Chain in Kenya: Case of Structure-Conduct-
Performance Analysis in Kisumu and Nairobi

Submitted, awaiting defense

Emukule Justus Ipapo. Msc. Camel Milk Marketing and Its Potential for
Commercialization in Kenya; A Case of Laikipia and Isiolo Districts

Graduated

George Owuor. PhD. Thesis Entitled “Economics of Group Credit Linkages: The Case of
Smallholder Farmers in Kenya

Kani, F. N Economic Evaluation of Farmer Field School Knowledge Diffusion in Kilifi
District, Kenya

Kyalo Daniel Willy. Msc. Livestock Production Systems in River Njoro Watershed,
Kenya: Spatial Characterization and policy issues

Mungu'ayo Peter Oduor. Msc Economic Efficiency In Smallholder Milk Production
Systems In Medium And High Potential Agro-Ecozones Of Kenya.

Job Ochieng', Ogada Msc. Socio-Economic Determinants of on-Farm Soil Fertility
Gradients in Western Kenya

Olwande John Otieno Msc. Maize Supply Response in Kenya: A Farm-Level Analysis

Muriithi Beatrice Wambui. Msc. Analysis of Determinants of Compliance with Eurepgap
Standards: Costs and Implications On Profitability Among Smallholder French
Beans Exporters in Kirinyaga District, Kenya

Kamau E. M. Msc. Analysis of Market Performance: Case of Integration Among
Selected Tea Trade Centres

Njane Phyllis Wangare. Msc. Determinants of Adoption of Improved Wheat Varieties
and Fertilizer use by Smallholder Farmers in Njoro and Kieni West Divisions,
Kenya

Kimani Tabitha Mugethi Msc. Ex-ante Assessment of Potential Demand of New Tsetse Control Technology in Kanjiado and Narok, Kenya

Mugao, D.M., MBA, Factors Influencing Choice: A study of Comprehensive Motor Insurance in Nakuru, Kenya

Bukhala, S.O, MBA, The Use of Strategic Approach to Procurement of Goods and Services in Kenyan Public University

Ihure, S.G. MBA, Determination of Expected Returns from Vertically Integrated Forest Investment in Kenya: The case of Cypress Trees in Nakuru District

Maina, W.M. MBA. Factors influencing performance of Volunteers in Church Organizations: A case study of Selected Protestant Church Organization in Nakuru

Koskey S. K., MBA. Factors Contributing Towards Brand Switching of Fast-moving Consumer Goods in Kenya.

SOME RELEVANT TRAINING, WORKSHOPS AND SEMINARS	
10 th -14 th May, 2010 2010	Resource Person for: “Systems Thinking For Agroecological Intensification” in the Second Meeting of The CCRP's East & Horn of Africa Community of Practice, held at the Imperial Hotel, Kisumu
8 th -16 March, 2010	Workshop on Proposal Writing in Agricultural Research & Development, Entebbe Uganda
11 th -15 th Jan, 2010	Staff Retooling and E-content Development Workshop, Egerton University Kenya
July,2009	Proposal Writing And Grant Management Workshop
October 2009	Mentoring Orientation workshop, Mombasa, Kenya
December, 2008	Research And Management Skills For Women In Agricultural And Natural Sciences, Egerton University
22 nd -24 th July, 2007	Instructor’s Workshop, Collaborative Master of Science In Agricultural Economics (CMAAE), Nairobi, Kenya
25 th -28 th march, 2007	Instructors’ Workshop, Collaborative Master of Science In Agricultural Economics (CMAAE), Kampala Uganda
23 th -26 th August, 2006	Consultative Workshop on the Proposal for the Establishment of Degree of Doctor of Philosophy (PhD) in Agricultural and Resource Economics, Bunda University, Malawi
9 th -12 th August 2006	Workshop on Policy-relevant Econometrics for Sub-Saharan Africa, Kampala, Uganda
6 th -11 th Feb, 2006	Workshop to prepare a proposal on “Linking Livestock to Wildlife conservation” to be implemented in collaboration with Purdue University, Globe Foundation, Egerton University, Kenya Agricultural Research Institute, and Northern Range Trust (NRT) (held in Ol Pajeta and Lewa)
January, 2006	Leadership, Corporate Governance, Strategic Planning And Intuitional Management Seminar, Ashley Management

	Consultant , Nairobi
December, 2005	Seminar And Practical Training on Local Knowledge, Egerton University
20 th -24 th September, 2004	Proposal Writing Workshop For Staff From Universities In East Africa, World Learning/USAID
October, 2003	Staff Workshop on Instructional Quality And Assessment, Egerton University
1 st -5 th October, 2001	Successes in African Agriculture: Analytical Team Workshop, Washington, DC
September –October 1990	Agricultural Project Planning and Appraisal Course, The African Development Bank Group Training Centre, Nairobi.
August-September, 1989	Fertilizer Marketing Training Program, International Fertilizer Development Centre, Muscle Shoal Alabama, USA

A SELECT OF PARTICIPATION AS RESOURCE PERSON	
	for the African Institute for Capacity Development (AICAD)'s In-country Training Courses , specifically for Marketing, and Record Keeping
Jan, 1999	A seminar organized by the Institute of Economic Affairs for Members of parliament from Western Kenya
18 th -19 th July 2007	Report Writer for a Workshop on Developing Strategies to Address the Declining Flamingo Populations and Densities in the Rift Valley Lakes in Kenya, Nakuru, Kenya
July, 2002	a Seminar organized by the Dairy Stakeholders Association of Kenya (DISAK) in Collaboration with Land O' Lake, Kenya
Sept, 1997	For the Agricultural Sector Adjustment (ASAO) Course, Egerton university.

Relevant Social Responsibilities

- Member of Board of Governors , Kiamunyi High School
- Have held various positions in the Christian Education Committee of Nakuru West Parish of the Presbyterian Church of East Africa (PCEA).
- Deaconess, Mwangaza PCEA Church, Nakuru West Parish
- A Promoter of the Egerton University Founders' Day through the Dr. Ngigi's award for Best Graduating Female Student in Agricultural Economics and Agribusiness Management.

PROFESSIONAL EMPLOYMENT

- 1992-to-date Lecturer, Egerton University, lecturing mainly in the following courses:
- Agricultural marketing
 - Marketing management
 - Agricultural policy
 - Price policy analysis
 - Agricultural project planning and analysis
 - International trade
 - Research Methods
 - International marketing
 - Mathematics for Economists

- Macroeconomics.
- Farm Accounting

Positions of Responsibility at the University:

- Oct. 2005 to Oct 2006: Acting Chairperson of the Department of Agricultural Economics and Agribusiness Management
- 2003 to October 2005: Programs Coordinator: Self-Sponsored Programs, Egerton University, Nakuru Town Campus
- July, 1994 to September, 1995: On secondment to the Policy Analysis Matrix Project.
- Have served as member in two Vice-Chancellor’s committees
- Have been a member of various faculty Committees

1988-1992 Agricultural Officer in the Ministry of Agriculture, Department of Development Planning (DPD),
Positions of responsibility

- 1990-1992 Head: Project Analysis Section.
- 1988-1990 Head: Inputs Units

EDUCATIONAL BACKGROUND

1998-2002 PhD Student, University of Nairobi/Graduate fellow, International Livestock Research Institute (ILRI)
Awarded a PhD degree

1985/86-1988/89 Msc. Student, department of agricultural economics, University of Nairobi
Awarded an Msc. Degree in Agricultural Economics

1981/82-1984/85 Undergraduate Student, University of Nairobi, Awarded a Bsc. in Agriculture

Signature ----- Date-----