

ACADEMIC STAFF PROFESSIONAL PROFILE FORM



1. Personal Data

Name: Ibrahim Macharia
Title/Qualifications: Dr. PhD
Department/Unit/Section: Agribusiness Management and Trade
Contact Address: 43844 –00100, Nairobi, Kenya Email: macharia.ibrahim@ku.ac.ke
Position: Senior Lecturer, Chair of Department
Area of Specialization: Social- economic and environmental impact assessment,
Research Interests: Social- economic and environmental impact of agricultural technologies, externalities of development project, the impact of climate change and agricultural sustainability

2. Education

Degree	Institution	Year
PhD	Leibniz University Hanover, Germany	2010
MSc. (Course work)	University of Nairobi, Kenya	2006
MSc	Jomo Kenyatta University of Agriculture and Technology, Kenya.	2004
BSc	Jomo Kenyatta University of Agriculture and Technology, Kenya.	2000

3. Conference/ Workshop Presentations

S/ No	Presenter	Title of Paper presented	City/ Country	Date of Conference
1	Macharia	Economic Impact Assessment of Training French beans Smallholders on Integrated Pest Management (IPM) and Good Agricultural Practices (GAP) through farmer field school.	Nairobi/ Kenya	Proceeding of fourth Workshop on Sustainable Horticultural Production in the Tropics, Nov 2004.
2	Macharia	Ex-ante Economic Impact Assessment of the Introduction of the Diamondback Moth Parasitoid, <i>Diadegma semiclausum</i> , in Kenya.	Beijing/ China	XV International Plant Protection Congress May, 2004.
3	Macharia	External Costs of Pesticide Use in the Vegetable Production in Kenya.	Nairobi/ Kenya	Proceedings of the Horticulture Seminar on Sustainable Horticultural Production in the Tropics, Dec 2008.
4	Macharia	Determinants of Pesticide Handling Practices in Vegetable Production in Kenya.	Hamburg/ Germany	Tropentag, Oct, 2009.
5	Macharia	Potential economic and poverty impact of improved chickpea technologies in Ethiopia	Iguaçu/ Brazil	International Conference of Agricultural Economists, August, 2012

6	Macharia	Planning and Implementing Plans	Kenyatta university/Ke nya	STEP training workshop, March, 2012
7	Macharia	Post-Harvest losses in Kenya	ICRPE/ Kenya	Post-Harvest losses in Africa- Analytical review and synthesis workshop, Feb, 2013
8	Macharia	Postharvest losses and postharvest innovations on key horticultural crops - Kenya	Machakos/ Kenya	AGRA Expert and Stakeholder Workshop on Waste and Spoilage Issues, Challenges Facing Smallholder Farmers and Potential Intervention Points, April, 2013
9	Macharia		Ethiopia	Transformational Leadership in Agribusiness workshop, December 2013
10	Macharia	Cereals consumption patterns in Tanzania	Kenyatta university/Ke nya	Building a new Generation of Agricultural Scientists” held on December 2014

4. Research

S/ No	Researcher	Year	Title	Donor
1	Macharia and Britta	1999	Economic use of indigenous trees in North Horr, Kenya, with special emphasis on doum palm fruit tree.	GTZ- ITFSP
3	Macharia and Van Eckert	2002	Comparative Study of Tissue culture and Conventional sucker Propagation Methods of Banana (musa spp.) at Farm levels in Kenya	GTZ-ITFSP
2	Macharia	2003	Impact of integrated crop management training on Maragua ridge mango production: Baseline data on knowledge, practice, marketing, and production economics.	USAID-ICRPE
4	Macharia	2004-2006	Impact assessment Diamondback Moth Bio-control Project for Eastern and Southern Africa.	BMZ, Germany
5	Macharia et al.	2006	The socio-economic impact of training small scale farmers on Integrated Pest Management and Good Agricultural Practices through farmer field schools.	USAID-ICRPE
6	Macharia et al.	2006	The impact of Radio awareness programmes for export horticulture producers and out grower groups to comply with Global-GAP protocols.	BMSDP-DFID
7	Macharia et al.	2006	Promotion of integrated pest management for vegetable production in the eastern arc mountains & East African coastal forest mosaic biodiversity hotspots.	BIOVISION-ICRPE
8	Macharia	2007	Externalities of pesticide use in the vegetable sub-sector in Kenya	BMZ & DAAD

5. Publications

S/N o.	Author	Year	Title	Journal	ISBN/ISSN Reference No.
1	Macharia, I., Löhr, B. and De Groot, H	2005	Assessing the Potential Impact of Biological Control of <i>Plutella xylostella</i> (diamondback moth) in Cabbage Production in Kenya.	Crop Protection, 24: 981-989	
2	Macharia, I., Mithöfer, D. and Löhr, B	2006	Update of the Ex-ante Socio-economic Impact Assessment of the Biological Control of <i>Plutella xylostella</i> (Diamondback moth) in Kenya.		Proceedings of Organic Agriculture in Development 28 the fifth International Workshop on Diamondback Moth and Other Crucifer Insect Pests
3	Macharia, I., Mithöfer, D. and Waibel, H	2009	Potential Environmental Impacts of Pesticides Use in the Vegetable Sub-sector in Kenya.	African Journal of Horticultural Sciences, 2: 138-151.	
4	Macharia, I.	2010	Indirect Costs of Pesticide Use in the Vegetable Production in Kenya.		CAB International, UK., ISBN: ISBN, 9781845936495
5	Macharia, I., Mithöfer, D. and Waibel, H	2012	Pesticide handling practices by vegetable farmer in Kenya	Environment, Development and Sustainability, 15, (4): 887-902	
6	Ouma, E., Macharia, I., Birachi, E., Garming, H., Nyagaya, M., Pypers, P., Ochieng, J., Blomme, G., van Asten, P., Vanlauwe, B	2013	Agricultural technology diffusion and adoption in banana and legume based systems of Central Africa.		Routledge Group, ISBN: 9780415532730
7	Karani-Gichimu, C., Macharia, I. and Mwangi, M	2013	Assessment of passion fruit orchard management and farmers' technical efficiency in Central-Eastern and North-Rift Highlands, Kenya	Journal of Economics and Sustainable Development, 5(2): 183-190	

8	Karani-Gichimu, C., Macharia, I. and Mwangi, M	2013	Assessment of Input-Output Transformation in Purple Passion Fruit Production in Central-Eastern and North-Rift, Kenya.	Current Research Journal of Economic Theory 5(2): 32-37	
9	Ndungu, S., Macharia, I. , Kahuthia-Gathu, R. and Githaiga, W.R	2013	Impact of Organic Vegetable Production System in Kiambu and Kajado Counties of Kenya.	Journal of Environmental Science and Engineering A2, (4). 256-266.	
10	Nakauka, E.B., De Lange, M., Macharia, I. , Garming, H., Ouma, E., Birachi, E., van Asten, P., van Lauwe, B., Blomme, G.,	2013	Impact of interventions by consortium for improving agriculture-based livelihoods in Central Africa (CIALCA) on food and nutrition security of farmer.	International Journal of Agricultural and Biological Engineering, 7(10):42-50.	
11	Macharia, I	2015	Pesticides and Health in Vegetable Production in Kenya	BioMed Research International Volume 2015 (2015)	
12	Midingoyi G.S-K., Macharia, I. , Ong'amo, G., Abonyo, E., Ogola, G., De Groote, H. and LeRu, B.,	2016	Assessing the long-term welfare effects of the biological control of cereal stemborer pests in East and Southern Africa: Evidence from Kenya, Mozambique and Zambia.	Agriculture, Ecosystems and Environment, 230, pp.10-23	

6. Affiliation to Professional Bodies

S/No	Name of professional body
1	International Association of Agricultural Economists
2	World Bank Institute
3	African Association of Agricultural Economists
4	Horticultural Association of Kenya
5	Young Professionals' Platform for Agricultural Research for Development (YPARD)
6	German Academic Exchange Service (DAAD)

7. Supervision of postgraduate students

S/No	Name of student	Thesis title	Status of project(e.g. First year etc)
1	Scolastica Mwikali Wambua	ANALYSIS OF SEED LOAN APPROACH AND SOCIAL NETWORKS IN IMPROVED BEAN SEED DISSEMINATION IN BUSIA COUNTY	Graduated

		BUNYALA AND SAMIA DISTRICTS OF KENYA	
2	Charles Gichimu Karani	EVALUATION OF PRODUCTION EFFICIENCY OF SMALL SCALE PURPLE PASSION FRUIT FARMERS TOWARDS IMPROVED LIVELIHOODS IN EASTERN AND NORTH-RIFT REGIONS, KENYA	Graduated
3	Nkurunziza Issa	AN ANALYSIS OF SOCIO-ECONOMIC FACTORS AFFECTING FARMERS' PARTICIPATION IN VERTICAL INTEGRATION OF THE COFFEE VALUE CHAIN, RWANDA.	Graduated
4	Macharia Christopher Mwangi	AN ANALYSIS OF CONTRACT FARMING OF COCONUT IN KENYA.	Graduated
5	Samuel Kiruku Ndungu	ECONOMIC ANALYSIS AND APPRAISAL OF SMALLHOLDER ORGANIC VEGETABLE PRODUCTION SYSTEM IN KIAMBU AND KAJIADO COUNTIES OF KENYA	Graduated
6	Lucy W. Muriithi	IMPACT OF CERTIFICATION OF SMALL HOLDER COFFEE FARMERS, IN EMBU COUNTY, KENYA	Graduated
7	Alex Waithaka	ECONOMIC ANALYSIS OF INLAND FISH FARMING IN MACHAKOS AND KIAMBU COUNTIES: A VALUE CHAIN APPROACH	Second year
8	Nyaga Munyi Gatumta	USEFULNESS AND EFFECTIVENESS OF MOBILE PHONE IN ACQUIRING MARKET INFORMATION AMONG SMALLHOLDER FARMERS IN EMBU NORTH DISTRICT, KENYA	Second year
9	Billy Nyagaya	GENDER ANALYSIS IN MANGO PRODUCTION AND MARKETING IN EMBU SUB-COUNTY, KENYA	Second year
10	Amos Okello	IMPACT ASSESSMENT OF IMPROVED PIGEONPEA VARIETIES ADOPTION IN TANZANIA	Second year
11	Murage Henry Ngatia	AN ESTIMATION OF THE TECHNICAL EFFICIENCY OF THE RICE FARMS IN EMBU COUNTY OF KENYA	Second year
12	Elijah Wamunyu	ANALYSIS OF ACCESSIBILITY AND IMPACT ON PRODUCTIVITY AMONG SMALL HOLDER FARMERS IN KAHURO SUBCOUNTY , MURANGA COUNTY OF KENYA	Second year
13	Albert Luvanda Makee	IMPROVING PRODUCTION, UTILIZATION AND MARKETING OF GUM OPPONAX (HAGAR) IN WAJIR COUNTY, KENYA	Third year

14	Ogemma Annete	INVESTMENT DECISION VARIABLES BY SMALL HOLDER FARMERS IN BUSIA COUNTY'	
15	Ngigi Obadiah Hinga	INCENTIVES FOR ECOSYSTEM STEWARDSHIP; AN ANALYSIS OF AGRICULTURAL CREDIT AS AN INCENTIVE FOR SOIL AND WATER MANAGEMENT IN SASUMUA WATERSHED, KENYA	Second year
16	Ruth Chepchirchir	SOCIAL- ECONOMIC IMPACT OF INTEGRATING PUSH-PULL TECHNOLOGY IN SMALLHOLDER CEREAL-LIVESTOCK FARMING SYSTEMS IN UGANDA	Third year
17	Soul-Kifouly Gnonna MIDINGOYI	ECONOMICS OF BIOLOGICAL CONTROL OF CEREAL STEMBORERS IN EASTERN AFRICA: CASE OF MAIZE AND SORGHUM PRODUCTION IN KENYA	Third year