


## DR. JOHN OLWANDE PROFILE

	<p>John Olwande, PhD</p> <p>Research Fellow</p> <p>Tegemeo Institute of Agricultural Policy and Development Egerton University Tetezi Towers, along George Padmore Road, Off Marcus Garvey Road, Kilimani, Nairobi P.O. Box 20498 – 00200 Nairobi, Kenya Tel: +254 20 2347297 / +254 20 3504316 Cell: +254 720 895454/ +254 734 658222 Email: <a href="mailto:jolwande@tegemeo.org">jolwande@tegemeo.org</a></p>
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## EDUCATION

Year	Qualification	Institution
2018	PhD. Community Sustainability	Michigan State University, USA
2008	MSC. Agricultural and Applied Economics	Egerton University, Kenya
2004	BSc. Agricultural Economics	Egerton University, Kenya
1996	Kenya Certificate of Secondary Education	Maliera Secondary School
1992	Kenya Certificate of Primary Education	Busibula Primary School

## SHORT COURSES/TRAININGS

Year	Title of Course/Training	Institution Offering
2018	Resilience Measurement and Analysis (RIMA)	Food and Agriculture Organization (FAO)
2013	Agricultural Production Systems Simulator (APSIM)	Walker Institute, Reading
2010	Climate Change Adaptation and Mitigation	University of Nairobi, Department of Meteorology
2010	Methodology for Agricultural Censuses and Surveys	United States Department of Agriculture, National Agricultural Statistics Service
2009	Analysis and Data Management in STATA	Michigan State University, Department of Agriculture, Food and Resource Economics
2008	Policy Impact Evaluation Techniques	Partnership for Economic Policy
2007	Data Analysis and Syntax Writing in SPSS	Michigan State University, Department of Agriculture, Food and Resource Economics
2006	Course on Food and Agricultural Trade in Africa	World Bank
2003	Participatory Rural Appraisal (PRA),	Egerton University, Kenya

## AREAS OF SPECIALIZATION

Agricultural Economics; Econometrics; International development; Sustainability
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## WORK EXPERIENCE

Date	Qualification
Jul 2018 to date	Research Fellow, Tegemeo Institute of Agricultural Policy and Development, Egerton University, Kenya
Mar – Jun 2018	Lecturer, Department of Agricultural Economics and Agribusiness Management, Egerton University, Kenya
Sep 2013 - Feb 2018	Graduate Research Assistant, Department of Agricultural, Food and Resource Economics and Department of Community Sustainability, Michigan State University, East Lansing, Michigan, USA
Apr 2009 – Aug 2013	Research Fellow (Monitoring and Evaluation Specialist), Tegemeo Institute of Agricultural Policy and Development, Egerton University, Kenya
Jan 2007 – Apr 2009	Research Assistant, Tegemeo Institute of Agricultural Policy and Development, Egerton University, Kenya
Jan 2004 – Aug 2005	Temporary Research Assistant, Tegemeo Institute of Agricultural Policy and Development, Egerton University, Kenya

## PUBLICATIONS

### A. Journal articles

- Maredia, M.K., A. Adenikinju, B. Belton, A. Chapoto, N. F. Faye, S. Liverpool-Tasie, **J. Olwande**, T. Reardon, V. Theriault, & D. Tschirley, 2021. COVID-19's impacts on incomes in urban and rural areas are surprisingly similar: Evidence from five African countries. *Under review*.
- Olwande, J.**, Kerr, J.M., and Tiemann, L. K. Farmers' Perceptions and Soil Fertility Management in Kenya. *Under review*.
- Oduol, J. B. A., Mithöfer, D., Place, F., Nang'ole, E., **Olwande, J.**, Kirimi, L., & Mathenge, M., 2017. Women's participation in high value agricultural commodity chains in Kenya: Strategies for closing the gender gap. *Journal of rural studies*, 50, 228-239.
- Olwande, J.**, M. Smale, M.K. Mathenge, F. Place, and D. Mithöfer, 2015. Agricultural marketing by smallholders in Kenya: A comparison of maize, kale and dairy, *Food Policy*, 52:22-32
- Melinda, S. and **J. Olwande**, 2014. Demand for maize hybrids and hybrid change on smallholder farms in Kenya, *Agricultural Economics*, 45: 409-420
- Mathenge, M.K., M. Smale, and **J. Olwande**, 2014. The impacts of hybrid maize seed on the welfare of farming households in Kenya, *Food Policy*, 44:262-271
- Olwande, J.**, M. Ngigi, W. Nguyo and G. Owuor, 2008. Supply Responsiveness of Maize Farmers in Kenya: A Farm-Level Analysis. *International Journal of Afro-Asian Studies, Volume 1 Number 2: Autumn 2008: 56-67*

## **B. Chapters in books**

- Chikowo, R., **Olwande, J.**, Wanzala, M., Lubungu, M., Ngoma, H., & Sanchez, P., 2021. Opportunities for Building Resilience of African Farming Systems. In *Africa Agriculture Status Report. A Decade of Action: Building Sustainable and Resilient Food Systems in Africa* (Issue 9) (pp. 68-92). Nairobi, Kenya: Alliance for a Green Revolution in Africa (AGRA).
- Muyanga, M., **Olwande, J.**, Mueni, E., & Wambugu, S., 2010. Free Primary Education in Kenya: An impact evaluation using propensity score methods. In *Child Welfare in Developing Countries* (pp. 125-155). Springer, New York, NY.

## **C. Working and Conference Papers**

- Olwande, J.**, & Smale, M. 2014. Commercialization effects on household income, poverty, and diversification: A counterfactual analysis of maize farmers in Kenya. In *2014 Annual Meeting, July 27-29, 2014, Minneapolis, Minnesota* (No. 170028). Agricultural and Applied Economics Association.
- Sheahan, M., **Olwande, J.**, Kirimi, L. and Jayne, T.S., 2014. Targeting of Subsidized Fertilizer under Kenya's National Accelerated Agricultural Input Access Program (NAAIAP) (No. 188572). Michigan State University, Department of Agricultural, Food, and Resource Economics.
- Mathenge, M., M. Smale and **J. Olwande**, 2012. The impact of maize hybrids on income, poverty, and inequality among smallholder farmers in Kenya. Working Paper No. 51/2012, Egerton University, Tegemeo Institute, Nairobi.
- Olwande, J.** and M. Mathenge, 2010. Market Participation among Poor Rural Households in Kenya. A Paper Presented at a Policy Conference on Expanding Kenya's Agricultural Competitiveness, Market Access and Food Security: Research Findings and Policy Options held in Nairobi, Kenya, 27th-28th October, 2010
- Olwande, J.**, G. Sikei, and M.K. Mathenge, 2009. Agricultural Technology Adoption: A Panel Analysis of Smallholder Farmers' Fertilizer Use in Kenya. A Paper Presented at A Workshop on Agriculture and Development held in Mombasa, Kenya, 27th-30th May, 2009
- Muyanga, M., **J. Olwande**, E. Mueni and S. Wambugu, 2008. Free Primary Education in Kenya: An Impact Evaluation using Propensity Score Methods. PMMA Working Paper 2010-08. Poverty and Economic Policy Research Network
- Kibaara, B., J. Ariga, **J. Olwande** and T.S. Jayne, 2008. Trends in Kenyan Agricultural Productivity: 1997-2007. Working Paper No. 31, Egerton University, Tegemeo Institute, Nairobi
- Melinda, S. and **J. Olwande**, 2011. Is Older Better? Maize Hybrid Change on Household Farms in Kenya. Working Paper No. 48/2011, Egerton University, Tegemeo Institute, Nairobi.
- Kamau, M., J. Githuku, J. and **J. Olwande**, 2011. Food Security in Urban Households: An Analysis of the Prevalence and Depth of Hunger in Nairobi and its Relationship to Food Expenditure. Working Paper No. 41/2011b, Egerton University, Tegemeo Institute, Nairobi.

Kamau, M., **J. Olwande** and J. Githuku, 2011. Consumption and Expenditures on Key Food Commodities in Urban Households: The Case of Nairobi. Working Paper No. 41/2011a, Egerton University, Tegemeo Institute, Nairobi.

Kirimi, L., and **J. Olwande**, 2011. Gender Differences in Off-farm Employment in Rural Kenya. Draft Tegemeo working paper.

#### **D. Technical Reports**

Agyei-Holmes, A., A. Wineman, **J. Olwande**, E. Mwakiwa, O. C. Vilanculos, A. Faye, I. Ogunbayo, T. Kapuya, and T. S. Jayne, 2021. Impacts of the Covid-19 Pandemic and Associated Policy Responses on Food Systems in sub-Saharan Africa: A synthesis of evidence. Technical Report prepared for the Alliance for a Green Revolution in Africa (AGRA), Nairobi, Kenya.

**Olwande, J., 2020.** Impact of COVID-19 on Food Systems and Rural Livelihoods in Kenya. Round 1 – September 2020, APRA COVID-19 Country Report, Brighton: Future Agricultures Consortium

**Olwande, J., 2020.** Impact of COVID-19 on Food Systems and Rural Livelihoods in Kenya. Round 2 – December 2020, APRA COVID-19 Country Report, Brighton: Future Agricultures Consortium

Ayieko, M., H. Odame, **J. Olwande**, 2020. Strengthening Seed Systems and Market Development in Kenya: Perspectives on political economy and policy processes. A report prepared for the International Food Policy Research Institute (IFPRI).

Oduol, J., Place, F., Mithöfer, D., **Olwande, J.**, Kirimi, L., & Mathenge, M. 2013. Improving participation in agricultural commodity markets for smallholder avocado farmers in Kenya: assessing growth opportunities for women in Kandara and Marani districts. Report prepared for FORD FOUNDATION. World Agroforestry Centre & Tegemeo Institute of Egerton University, Nairobi, Kenya.

Tegemeo Institute, Egerton University, 2013. Improving participation in agricultural commodity markets for smallholder sweet potato farmers in Kenya: assessing growth opportunities for women in Rachuonyo District (Lead author)

Tegemeo Institute, Egerton University, 2013. Improving participation in agricultural commodity markets: assessing growth opportunities in the indigenous chicken value chain in Bomet and Mwala districts, September 2013 (Co-author)

Tegemeo Institute, Egerton University, 2011. The Kenya Agricultural Productivity and Agribusiness Project (KAPAP) Gender Disaggregated Baseline Survey Report (Co- author).

Mathenge, M., F. Place, **J. Olwande** and D. Mithoefer, 2010. Participation in Agricultural Markets Among the Poor and Marginalized: Analysis of Factors Influencing Participation and Impacts on Income and Poverty in Kenya. A Study Report Prepared for the FORD Foundation

Kirimi, L., & **Olwande, J.** .2010. Competitive Position of Kenya's Indigenous Chicken Meat and Egg Products. Unpublished study Report, prepared for the Partnership for Safe Poultry in Kenya, Winrock International.

Tegemeo Institute, Egerton University, 2010. Kenya Baseline Study, report prepared for the Alliance for a Green Revolution in Africa (AGRA) (Lead author).

Tegemeo Institute, Egerton University, 2010. An Assessment of the Effects of the DASS and ABD Interventions in Taita Taveta, Kilifi and Kitui Districts for the Period 2005-2010. Report prepared for the Agricultural Sector Programme Support (ASPS/DANIDA) (Co-author)

Tegemeo Institute, Egerton University, 2010. Baseline Survey for the BAACH Interventions in Siaya District, report prepared for the United Nations Development Programme (UNDP) (Co-author)

Tegemeo Institute, Egerton University, 2009. Annual Household Survey Report of the Kenya Maize Development Program (KMDP) prepared for ACIDI/VOCA (Lead author)

#### **E. Policy briefs**

**Olwande, J.**, Njagi, T., Ayieko, M., Maredia, M. K., & Tschirley, D. (2021). Urban and Rural Areas Have Seen Similar Impacts From COVID-19 in Kenya.

Jayne, T.S., **J. Olwande** and M. Mathenge. Strengthening Staple Food Markets in Eastern and Southern Africa: Toward an Integrated Approach for CAADP Investment Plans. Tegemeo Policy Brief No. 9 (2013)

Gitau, R., **J. Olwande**, M. Mathenge, L. Kirimi, and M. Kamau. Potential effects of the imposition of value added tax on agricultural inputs and sifted maize meal. Tegemeo Policy Brief No. 8 (2012)

M. Smale, M. K. Mathenge, T.S. Jayne, E. Magalhaes, **J. Olwande**, L. Kirimi, M. Kamau and J. Githuku. Impacts of USAID-funded programs on smallholder income in Kenya. Tegemeo Policy Brief No. 6 (2012)

**Olwande, J.** and M. Mathenge. Market participation among poor rural households in Kenya. Tegemeo Policy Brief No. 3 (2011)

Kamau, M., **J. Olwande** and J. Githuku. Relating food expenditure to food insecurity in urban households: The case of Nairobi. Tegemeo Policy Brief No. 1C (2011)

Kamau, M., **J. Olwande** and J. Githuku. Towards the attainment of MDG Number 1 on food security: Prevalence and depth of hunger in poor households in Nairobi and adequacy of cash transferred. Tegemeo Policy Brief No. 1B (2011)

Kamau, M., **J. Olwande** and J. Githuku. Changes in food consumption and expenditure among households in Nairobi. Tegemeo Policy Brief No. 1A (2011)

#### **F. Other publications**

**Olwande, J. 2018.** Maize production intensification in Kenya. Doctoral dissertation, Michigan State University.

World Bank. 2011. A Bumpy Ride to Prosperity: Infrastructure for Shared Growth in Kenya. Poverty Reduction and Economic Management Unit Africa Region.

Tegemeo Institute, Egerton University, 2010. Structural dimensions of liberalization in agriculture and rural development in Kenya. Report prepared for the World Bank's RuralStruc Program.

## MEMBERSHIP IN PROFESSIONAL BODIES

<b>Membership category</b>	<b>Organization</b>
Member	International Association of Agricultural Economists (IAAE)
Member	African Association of Agricultural Economists (AAAE)
Member	Partnership for Economic Policy (PEP) Network
Member	Agricultural and Applied Economics Association (AAEA)