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Google scholar: <https://scholar.google.com/citations?user=HWG4CWoAAAAJ&hl=en> (**h-index 43, citations 7473**)

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=23034845400> (**h-index 28, citation 2653**)

Researchgate: https://www.researchgate.net/profile/Menale_Berresaw/scores (**h-index 36**)

Relevant Qualifications and Training

Ph.D., August 2006, Development Economics, Norwegian University of Life Sciences, Norway;

MSc, Oct 1997, Agricultural Economics, Alemaya University of Agriculture, Ethiopia;

BSc, June 1991, Agricultural Economics, Alemaya University of Agriculture, Ethiopia.

Employment history

11/2015-to date	Principal Scientist and Head , Social Science and Impact Assessment Unit, International Centre of Insect Physiology and Ecology (<i>icipe</i>), Nairobi, Kenya.
07/2010-10/2015	Scientist (07/2010-11/2013) and Senior Scientist (01/2014-10/2015)- agricultural and Development Economist , International and Maize and Wheat Improvement Center (CIMMYT), Nairobi, Kenya.
10/2008-06/2010	Research Officer and Research Associate , University of Gothenburg, Sweden, and Ethiopia.
02/2008 – 09/2008:	Post-Doctoral Fellow (PDF) - International Crop Research Institute for Semi-Arid Tropics (ICRISAT), Nairobi, Kenya.
07/2005- 01/2008:	Research Fellow - in the Sida-funded Environmental Economics Policy Forum for Ethiopia (EEPEF), Ethiopia.
07/1997-12/1999:	Head, Credit and Input section - Bureau of Agriculture of Amhara Region, Ethiopia.
06/1993-08/1994:	Team Leader - Planning and Programming Division, Bureau of Agriculture of Amhara Region, Ethiopia.

Publications

Scholarly Journal Articles

A69. Diiro, G., **Kassie, M.**, Muriithi, B., Gathogo, N. Et al. (2020). Are Individuals Willing to Pay for Community-Based Eco-Friendly Malaria Vector Control Strategies? A Case of Mosquito Larviciding Using Plant-Based Biopesticides in Kenya. *Sustainability*, 12, 8552; doi:10.3390/su12208552.

A68. Tadesse, M., Tolera, K., Bayissa, W., Hunde, D., Mendesil, E., **Kassie, M.**, Mutungi, C. And Tefera, T.. (forthcoming). Assessment of quantitative and qualitative losses of stored grains due to insect infestation in Ethiopia. *Journal of Journal of Stored Products Research*

A67. **Kassie, M.**, Fisher, M., Muricho, G., and Diiro, G. (forthcoming). Women's Empowerment Boosts the Gains in Dietary Diversity from Agricultural Technology Adoption in Rural Kenya. *Food Policy*.

A.66. Kimathi, E., Tonnang, H.E.Z., Sevgan, S., Cressman, K., Abdel-Rahman, E. M., Tesfayihannes, M., Niassy, S., Torto, B., Dubois, T., Tanga, C.M., **Kassie, M.**, Ekesi, S., Wmwangi, D., and Kelemu, S. (forthcoming). Prediction of breeding regions for the desert locust *Schistocerca gregaria* in East Africa. *Scientific Report*.

A.65. Chia, S.Y., Macharia, J., Diiro, G. M., **Kassie, M.**, Ekesi, S., Joop J. A. van Loon, Dicke, M., Chrysantus, M. T. Smallholder farmers' knowledge and willingness to pay for insect-based feeds in Kenya. Revised version submitted to PLoS One.

A.64. Gebreegziabher, Z., Mekonnen, A., **Kassie, M.**, Köhlin, G. (2020) Household Tree Planting in Tigray, Northern Ethiopia: Tree Species, Purposes, and Tenure Security. *Land Use Policy*, 20(104635). <https://doi.org/10.1016/j.landusepol.2020.104635>.

A63. Abro, Z., **Kassie, M.**, Chrysantus, T., Beesigamukama, D., and Diiro, G. (2020). Socio-economic and environmental implications of replacing conventional poultry feed with insect-based feed in Kenya. *Journal of Cleaner Production*, 265, 121871. <https://doi.org/10.1016/j.jclepro.2020.121871>.

A62. **Kassie, M.**, Abro, Z., Tesfamichael, W., Ledermann, S.T., Diiro, G., Ballo, S., and Belayhun, L. (2020). Integrated Health Interventions for Improved Livelihoods: A Case Study in Ethiopia. *Sustainability*, 12(6), 2284; <https://doi.org/10.3390/su12062284>.

A61. De Groote, H., Kinenju, S.C., Munyua, B., Palmasa, S., **Kassie, M.**, Bruce, A. (2020). Spread and impact of fall armyworm (*Spodoptera frugiperda* J.E. Smith) in maize production areas of Kenya. *Agriculture, Ecosystems & Environment*, 292, 106804. <https://doi.org/10.1016/j.agee.2019.106804>

- A60. **Kassie, M.**, Tesfamichael, W., De Groote, H., Tefera, T., Sevgan, S. and Balew, S. (2020) Economic impacts of fall armyworm and its management strategies in Southern Ethiopia. *European Review of Agricultural Economics*. pp. 47(4): 1473-1501. <https://doi.org/10.1093/erae/jbz048>.
- A59: Kumela, T., Mendesil, E., Enchalew, B., **Kassie, M.**, and Tefera, T. (2019). Effect of the Push-Pull Cropping System on Maize Yield, Stem Borer Infestation, and Farmers' Perception. *Agronomy*, 9(452): pp, 1-13. doi:10.3390/agronomy9080452.
- A58. Midingoyi, S-K, G., **Kassie, M.**, Muriithi, B., Diiro, G. and Ekesi, S. (2019). Do farmers and the environment benefit from adopting integrated pest management practices? Evidence from Kenya. *Journal of Agricultural Economics*, 70(2): pp. 452-470.
- A57. Wossen, T., Gatiso, T.T., and **Kassie, M.** (2018). Estimating returns to fertilizer adoption with unobserved heterogeneity: Evidence from Ethiopia. *Food Energy Security*. e00156.
- A56. **Kassie, M.**, Stage, J., Diiro, G., Muriithi, B., Muricho, G., Ledermann, S.T., Pittchar, P., Midega, C., and Khan, Z. (2018). push–pull farming system in Kenya: Implications for economic and social welfare. *Land Use Policy*, 77, PP.186-198.
- A55. Diiro, G., Seymour, G., **Kassie, M.**, Muricho, G. and Muriithi, B. (2018). Women's empowerment in agriculture and agricultural productivity: Evidence from rural maize farmer households in western Kenya. *PLoS ONE* 13(5): e0197995. <https://doi.org/10.1371/journal.pone.0197995>.
- A54 Jeetendra Prakash Aryal, M.L. Jat, Tek B. Sapkota, Arun Khatri-Chhetri, **Menale Kassie**, Dil Bahadur Rahut, Sofina Maharjan, (2018) "Adoption of multiple climate-smart agricultural practices in the Gangetic plains of Bihar, India", *International Journal of Climate Change Strategies and Management*, Vol. 10 Issue: 3, pp.407-427, <https://doi.org/10.1108/IJCCSM-02-2017-0025>.
- A53 Muriithi, B.W., **Kassie, M.**, Diiro, G., and Muricho, G. (2018) Does Gender Matter in the Adoption of push-pull pest management and other Sustainable Agricultural Technologies? Evidence from western Kenya. *Food Security*, 10(2): pp. 1-20.
- A52 Jaleta, M., **Kassie, M.**, Marennya., P., Erenstein, O., and Yirga, C. (2018). Impact of Improved Maize Adoption on Household Food Security of Maize Producing Smallholder Farmers in Ethiopia. *Food Security*, 10(1), pp. 81-93. doi: 10.1111/1477-9552.12221.
- A51 **Kassie, M.**, Marennya, P., Tessema, Y, Jaleta, M., Zeng, D., Erenstein, O., Rahut, D. (2018) Measuring farm and market level economic impacts of improved maize production technologies in Ethiopia: Evidence from panel data. *Journal of Agricultural Economics* 69(1), pp. 76-95.

- A50 Marenja, P., **Kassie, M.**, Jaleta, M., Rahut, D., and Erenstien, O. (2017). Predicting minimum tillage adoption among smallholder farmers using micro-level and policy variables. **Agricultural and Food Economics**, 5(12), pp 1-22.
- A49 Stefan, K., **Kassie, M.** and Qaim, M. (2017) The influence of farm input subsidies on the adoption of natural resource management technologies. **Australian Journal of Agricultural and Resource Economics**, 61, pp 1-18.
- A48. Stefan, K. **Kassie, M.**, and Qaim, M. (2017). Farm production, market access, and dietary diversity in Malawi. **Public Health Nutrition**, 20(2), pp 325-335.
doi:10.1017/S1368980016002135.
- A47. Muluwa, R., Marenja, P, Rhaut, D and **Kassie, M.** (2017) Response to Climate Risks among Smallholder Farmers in Malawi: A Multivariate Probit Assessment of the Role of Information, Household Demographics, and Farm Characteristics. **Climate Risk Management**, 16, pp 234-245.
- A46. Berre, D., Baudron, F., **Kassie, M.**, Peter, C. and Lopez-Ridaura, S. (forthcoming). Different ways to cut a cake: Comparing expert-based and statistical typologies to target sustainable intensification technologies, a case study in Southern Ethiopia. **Experimental Agriculture**, pp. 1-17. doi:[10.1017/S0014479716000727](https://doi.org/10.1017/S0014479716000727).
- A45. Yohannis, M. T., John, A-A., **Kassie, M.**, and Mallawaarachchi, T. (2016). Do neighbors matter in technology adoption? The case of conservation tillage in northwest Ethiopia. **African Journal of Agricultural and Resource Economics**, 11(3), pp 211-225.
- A44. Marenja, P., **Kassie, M.**, Moti D. Jaleta & Dil B. Rahut (2016): Maize Market Participation among Female- and Male-Headed Households in Ethiopia. *The Journal of Development Studies*, 53(4). Pp 484-491.
- A43. Jaleta, M., **Kassie, M.**, Tesfaye, K., Teklewold, T., Jena, P., Marenja, P., and Erenstein, O. (2016) Resource Saving and Productivity Enhancing Impacts of Minimum Tillage in Ethiopia. **Agricultural Economics** 47, pp 513-522.
- A 42. Kathage, J., **Kassie, M.**, Shiferaw, B. and Qaim, M. (2016). Big Constraints or Small Returns? Explaining Non-adoption of Hybrid Maize in Tanzania. **Applied Economic Perspectives and Policy**, 38(1), pp 13-131.
- A41. Teshome, A., de Graaff, J. and **Kassie M.** (2016). Household level determinants of soil and water conservation adoption phases: Evidence from North Western Ethiopian Highlands. **Environmental management Journal**, 57(3), pp 620-636.
- A40. Manda, J. Alene, A.D., Gardebroek, C., **Kassie, M.** and Makaiko, K. (2016) Child Nutritional Status and Improved Maize Varieties. *Food Sec.* 8:239–253

A.39. Manda, J. Alene, A.D., Gardebroek, C., **Kassie, M.** and Tembo, G. (2016) Adoption and Impacts of Sustainable Agricultural Practices on Maize Yields and Incomes: Evidence from Rural Zambia. **Journal of Agricultural Economics**, 67(1), pp 130-153.

A.38. Frelat R, Lopez-Ridaura S, Giller KE, Herrero M, Douchamps S, Djurfeldt AA, Erenstein O, Henderson B, **Kassie M**, Paul BK, Rigolot C, Ritzema RS, Rodriguez D, van Asten PJ, van Wijk MT (2016). Drivers of household food availability in sub-Saharan Africa based on big data from small farms. **Proceeding of the National Academy Science of the United States of America**(PNAS), 113(2):458-63.

A.37. Mutenje, M. Kankwamba, H., Mangisoni, J.H. and **Kassie, M.** (2016) Agricultural innovations and food security in Malawi: Gender dynamics, institutions and market implications. **Technological Forecasting & Social Change**, 103:240-248.

A.36. **Kassie, M.**, Stage, J., Teklewold, H.; and Erenstein, O. (2015). Gendered food security in rural Malawi: Why is women's food security status lower? **Food Security**, 7:1299-1320.

A.35. Marenja, P., **Kassie, M.** and Tostao, E. (2015). Fertilizer use on individually and jointly managed crop plots in Mozambique. **Journal of Gender, Agriculture and Food Security**, 1(2), pp 62-83.

A.34. Abate, T., Shiferaw, B., Menkir, A., Wegary, D., Kebede, Y., Tesfaye, K., **Kassie, M.**, Bogale, G., Tadesse, B. (2015). Factors that transformed maize productivity in Ethiopia. **Food Security**, 7(5): 965-98.

A.33. Beyene, D. and **Kassie, M.** (2015). Speed of adoption of improved maize varieties in Tanzania-an application of duration analysis. **Technological Forecast and Social Change**, 96:298-307.

A.32 Micheni, A., Kanampiu, F., Kitonyo, O., Mburu, D.M., Mugai, E.N., Makumbi, D. and **Kassie, M.** (2015) On-farm experimentation for testing potential of conservation agriculture-based maize-legume cropping systems in Kenya: Effects on crop yields, water use efficiency and profitability. **Experimental Agriculture**, 52(1):51-68.

A.31. Shiferaw, B, Aragie, T, **Kassie., M.** and Fisher, M (2015). Market Imperfections, Access to Information and Technology Adoption in Uganda: Challenges of Overcoming Multiple Constraints. **Agriculture Economics**, 46: 1-13.

A.30. Jaleta, M., **Kassie, M.** and Erenstein, O. (2015) Determinants of maize stover utilization as feed, fuel and soil amendment in mixed crop-livestock systems, Ethiopia. *Agricultural system*. 134, 17-23.

- A.29. **Kassie, M.**, Teklewold, H., Marenya, P. Jaleta, M. and Erenstein, O. (2015) Production risk and food security under alternative technology choices in Malawi. Application of a multinomial endogenous switching regression. **Journal of Agricultural Economics**. 66(3): 640-659.
- A.28. Khonje, M., Manda, J., Alene, A., **Kassie, M.** (2015) Analysis of adoption and impacts of improved maize varieties in eastern Zambia. **World development**, 66: 695–706.
- A.27. **Kassie, M.**, Teklewold, H., Moti, J., Marenya, P. and Erenstein, O. (2015) Understanding the adoption of a portfolio of sustainable intensification practices in eastern and southern Africa. **Land use Policy**, 42: 400-411.
- A.26. Teshome, A., Graaff, J., Ritsema, C., and **Kassie, M.** (2014). Farmers' perception about influence of land quality, land fragmentation and tenure systems on sustainable land management in the northwestern Ethiopian Highlands. **Land Degradation and Development**. DOI: 10.1002/ldr.2298.
- A.25. Dil, R., Ali, A., **Kassie, M.**, Marenya, P. and Basnet, C. (2014). Rural Livelihood Diversification Strategies in Nepal. **Poverty & Public Policy**, 6(3): 259-281.
- A.24. Bellarby, J., Stirling, C., Vetter, S.H., **Kassie, M.**, Kanampiu, F., Sonder, K., Smith, P., Hillier, J. (2014). Identifying secure and low carbon food production practices: A case study in Kenya and Ethiopia. **Agriculture, Ecosystems and Environment** 197: 137–146
- A.23. Wagura, S.; **Kassie, M.** and Shiferaw, B. (2014). Are there systematic gender differences in the adoption of sustainable agricultural intensification practices? Evidence from Kenya. *Food Policy*, 49:117-127.
- A.22. Shiferaw, B., Tesfaye, K., **Kassie, M.**, Abate, T., Prasanna, B.M., Menkir, A. (2014) Managing Vulnerability to Drought and Enhancing Livelihood Resilience in Sub-Saharan Africa: Technological, Institutional and Policy Options. **Weather and Climate Extremes for special Issue. 3: 67-69.**
- A.21. **Kassie, M.**, Jaleta, M. and Mattei, A. (2014) Evaluating the Impact of Improved Maize Varieties on Food Security in Rural Tanzania: Evidence from a Continuous Treatment Approach. **Food Security**, 6:217-230.
- A.20. **Kassie, M.**, Simon, W., and Jesper, S. (2014) What determines gender inequality in Household Food security in Kenya? Application of exogenous switching regression. **World Development**, 56: 153-171.
- A.19. Shiferaw, B., **Kassie, M.**; Jaleta, M., and Yirga, C. (2014) Adoption of improved wheat varieties and impacts on household food security in Ethiopia. *Food Policy*, 44: 272-284.

A.18. Jaleta, M., **Kassie, M.**, and Bekele, S. (2013). Tradeoffs in Crop Residue Utilization in Mixed Crop-Livestock Systems and Implications for Conservation Agriculture. *Agricultural system*, 121: 96-105.

A.17. Githonga, Z., De Groote, H., **Kassie, M.** and Tadele, T. (2013) Impact of metal silos on households' maize storage, storage losses and food security: an application of a propensity score matching Food Policy. **Food Policy**, 43: 44-55.

A.16. Teklewold, H. **Kassie, M.**, Bekele, S. and Kholin, G (2013) Cropping Systems Diversification, Conservation Tillage and Modern Seed Adoption in Ethiopia: Impacts on Household Income, Agrochemical Use and Demand for Labor. *Ecological Economics*, 93: 85-93.

A.15. Teklewold, H., **Kassie, M.**, and Bekele, S. (2013) Adoption of multiple sustainable agricultural practices in rural Ethiopia. **Journal of Agricultural Economics**. 64(3): 597–623.

A.14. **Kassie, M.**, Jaleta, M., Shiferaw, B., Mmbando, F, and Mekuria., M. (2013) Adoption of interrelated sustainable agricultural practices in smallholder system: Evidence from rural Tanzania. *Technological forecast and social change*, 80: 525-540

A.13 Asfaw, S., **Kassie, M.**, F. Simtowe, and Leslie, L. (2012) Poverty Reduction Effects of Agricultural Technology Adoption: A Micro-evidence from Rural Tanzania. **Journal of Development Studies**, 48(9) 1288-1305.

A.12. Odendo, M., Ouma, J., Murich, G., and **Kassie, M.** (2012). Analysis of farmers' preferences in choice and adoption of maize and bean varieties in Kenya. *E. Afr. agric. For. J.* (2012) 78(3), 151-157.

A.11. Gebreegziabher, Z., M. Alemu, **Kassie, M.** and Kohlin, G. (2012) Urban energy transition and technology adoption: The case of Tigray, Northern Ethiopia. **Energy Economics**, 34(2): 410-418.

A.10. Simtowe, F., **Kassie, M.**, M., Diagne, A., Silim, S., Muange, E., Asfaw, S., and Shiferaw, B. (2011). Determinants of Agricultural Technology adoption: the Case of Improved Pigeonpea Varieties in Tanzania. **Quarterly Journal of International Agriculture** 50 (4), 325-345.

A.9. **Kassie, M.**, B. Shiferaw and Geoffrey, M. (2011). Agricultural Technology, Crop Income, and Poverty Alleviation in Uganda. **World Development**, 39(10) pp: 1784-1795.

A.8. **Kassie, M.**, G., Kohlin, R. A. Bluffstone, Holden. S.(2011) Are soil conservation technologies “win-win?” A case study of Anjeni in the north-western Ethiopian highlands, **Natural Resource Forum** 35, 89-99.

A7. **Kassie, M.**, P. Zikahli, J. Pender and Kohlin, G (2010) The Economics of Sustainable Land Management Practices in the Ethiopian Highlands, *Journal of Agricultural Economics* 61(3), 605-627.

A6. Alem, Y. M. Bezabih, **Kassie, M.**, and Zikhali, P. (2010) Does Fertilizer Use Respond to Rainfall Variability? Panel Data Evidence from Ethiopia, *Agricultural Economics* 41, 41, 165-175.

A5. **Kassie, M.**, P. Zikhali, K. Manjur, S. Edwards (2009) Adoption of Organic Farming Technologies: Evidence from Semi-Arid Regions of Ethiopia, *Natural Resources Forum* 33, 189–198.

A4. **Kassie, M.**, J. Pender, M. Yesuf, G. Kohlin, R.A. Bluffstone and E. Mulugeta (2008) Estimating Returns to Soil Conservation Adoption in the Northern Ethiopian Highlands, *Agricultural Economics* 38, 213 – 232.

A3. **Kassie, M.**, and S.T. Holden (2007) Sharecropping Efficiency in Ethiopia: Threats of Eviction and Kinship, *Agricultural economics* 37, 179-188.

A2. **Kassie, M.**, A.M Jabbar, B. Kassa and M. A. Mohamed-Saleem (1999) Benefits of Integration of cereals and forage legumes with and without crossbred cows in mixed farms: An ex-ante Analysis for Highland Ethiopia, *Journal of Sustainable Agriculture* 14, 31-48.

A1. **Kassie, M.**, A.M, Jabbar and B. Kassa (1998) Implications of forage Legumes and Cereal-based Cropping System for Sustainable Agriculture in Ethiopia: A Linear programming Approach, *Journal of the Third World Science, Technology & Development Forum* 16, 32-50.

Papers under review

1. Diiro, Gracious M., Menale Kassie, Monica Fisher, Beatrice Wambui Muriithi, and Geoffrey Muricho. "How Does Agricultural Technology Adoption Affect Intrahousehold Resource Allocations? The Case of Push-Pull Technology in Western Kenya." Under review at Food Policy.
2. Diiro M. G., Kassie, M., Gathogo, N., Muriithi, B., Kidoido, M., Marubu, R., Ochola, J. B., Mutero, C. M. Willingness to Pay for Community-based Malaria vector control: An auction experiment of mosquito larviciding using biopesticides in Kenya. Submitted to sustainability Journal.

Manuscripts in preparation for Journal submission

1. Abro, Z. Kassie, M., Muriithi, B., and Masiga, D. Macro-economic benefits of controlling trypanosomiasis using repellent collar technology in sub-Saharan Africa.
2. Midingoyi, S-K, G., Kassie, M., and Abro, Z. The impact of Rift-Valley Fever (RVF) training program on knowledge, attitudes, and practices in pastoral communities of Kenya: Evidence from Panel data.

3. Abro, Z., and Kassie, M. The impact of pests and non-pest incidence and pest control strategies of smallholder farmers on maize production in Ethiopia: a call for a holistic approach
4. Mwangi, S., Muriithi, B, Kassie, M. Fishman, R., and Mendelsohn, O. Economic impact of IPM training on mango growers of Kenya: A randomized control trial.
5. Bulte, E., Di Falco, S., Kassie, M., and Vollenweider, X. Counterfeit seeds, labor supply and economic returns: Experimental evidence from Tanzania

Book Chapters

B9. Norton, G. W., Alwang, J., **Kassie, M.**, and Muniappan, R. (2019). Economic Impacts of Integrated Pest Management Practices in Developing Countries (Chapter 8, Pp: 140-154). In: David W. Onstad and Philip R. Crain (eds.) *The economics of Integrated Pest Management of insects*, CAB International 2019.

B8: Girma A., **Kassie M.**, Bauer S., and Leal Filho W. (2019) Integrated Rainwater Harvesting Practices for Poverty Reduction Under Climate Change: Micro-Evidence from Ethiopia. In: Leal Filho W., Leal-Arcas R. (eds) *University Initiatives in Climate Change Mitigation and Adaptation*. Springer, Cham

B7. Tesfaye, K., **Kassie, M.**, Cairns, J.E., Michael, M., Stirling, C. et al (2017) Potential for Scaling up Climate Smart Agricultural Practices: Examples from Sub-Saharan Africa. In W. Leal Filho et al. (eds.), *Climate Change Adaptation in Africa, Climate Change Management*, DOI 10.1007/978-3-319-49520-0_12. Springer International Publishing AG.

B6. Mekonnen, A., Holden, S.T., Ghebru, H. and **Kassie, M.** (2013) The Impact of Land Certification on Tree Growing along Private Plots of Rural Households: Evidence from Ethiopia. In: Stein Holden, Keijiro Otsuka and Klaus Deininger(eds) *Land Tenure Reform in Asia and Africa: Assessing Impacts on Poverty and Natural Resource Management* (Chapter 13, pp.308-330). Published by Palgrave Macmillan

B5. Shiferaw, B., **Kassie, M.**, and Murucho, G. (2011) Rural Institutions and Imperfect Agricultural Markets in Africa: Experiences from Producer Marketing Groups in Kenya. In: Esther Mwangi, Helen Markelova, and Ruth Meinzen-Dick (eds.) *Collective Action and Property Rights for Poverty Reduction*. Princeton Editorial Associates (Chapter 5)

B4. **Kassie, M.**, (2011) Where does investment on Sustainable Land Management Technology Work? Empirical Evidence from the Ethiopian Highlands. In *Agricultural Investments, Livelihoods and Sustainability in East African Agriculture*, edited by R.A. Bluffstone and G. Köhlin. Oxford, UK: RFF Press/Earthscan.

B3. Nune, S., **Kassie, M.**, and E. Mungatana (2010) Accounting for forest resources in Ethiopia”, in Mungatana, E., Hassan, R. and Glenn-Marie, L., eds., *Implementing Environmental Accounts*. Springer Publishing Company, New York, forthcoming.

B2. Esayas, A., **Kassie, M.** and E. Mungatana (2010) Land and soil resources accounts for Ethiopia", in Mungatana, E., Hassan, R. and Glenn-Marie, L., eds., Implementing Environmental Accounts. Springer Publishing Company, New York, forthcoming.

B1.**Kassie,M.** and S.T. Holden (2008). Kinship, Tenure insecurity, input use and land productivity. The case of sharecropping in Ethiopia, in S.T. Holden, K. Otsuka and F. Place (eds.) The Emergence of Land Markets in Africa: Assessing the Impacts of Poverty and Efficiency. RFF Press.

Working papers

WP 17. Hurni K, Zeleke G, **Kassie, M.**, Tegegne B, Kassawmar T, Teferi E, Moges A, Tadesse D, Ahmed M, Degu Y, Kebebew Z, Hodel E, Amdihun A, Mekuriaw A, Debele B, Deichert G, Hurni H.(2015). Economics of Land Degradation (ELD) Ethiopia Case Study. Soil Degradation and Sustainable Land Management in the Rainfed Agricultural Areas of Ethiopia: An Assessment of the Economic Implications. Report for the Economics of Land Degradation Initiative. 94 pp.

WP 16. Chilot, Y, Jaleta, M., Bekele, S., De Groote, H.; **Kassie, M.**, Takele, M., and Ali, M. (2013). Adoption and Diffusion of Improved Wheat Technologies in Ethiopia. Research Report 101. Ethiopian Institute of Agricultural Research(EIAR), Addis Ababa, Ethiopia. Pp 53.

WP 15. Kathage, J., Qaim, M., **Kassie, M.** and Bekele, S. (2013). Big constraints or small returns? Explaining nonadoption of Hybrid maize in Tanzania. Global Food Discussion Paper NO 19, <http://www.uni-goettingen.de/de/213486.html> .

WP14. Kathage, J., Qaim, M., **Menale, K.** and Bekele, S. (2012). Seed market liberalization, hybrid maize adoption, and impacts on smallholder farmers in Tanzania. Global Food Discussion Paper NO 12, <http://www.uni-goettingen.de/de/213486.html> .

WP13. **Kassie, M.** (2011) Economic and Environmental Benefits of Forage Legumes-Cereals Intercropping in the Mixed Farming System: The Case of Ethiopian Highlands. Ethiopia: EDRI Working paper 008, Addis Ababa, EDRI. 2010.

WP12. Simtowe1, F., B.Shiferaw, **Kassie, M.**, T. Abate, S. Silim, M. Siambi, O. Madzonga, G. Muricho, and G. Kananji (2010) Assessment of the Current Situation and Future Outlooks for the Pigeonpea Sub-sector in Malawi. Available at <http://www.icrisat.org/what-we-do/mip/projects/tl2-publications/regional-situation-outlook-reports/rso-pp-malawi.pdf>.

WP11. Nune, S., **Kassie, M.**, and Mungatana, E. (2010) Forestry Resource Accounting: the experience of Ethiopia. CEEPA Discussion Papers No. 47 (2010), CEEPA. University of Pretoria, South Africa.

WP10. Gebreegziabher, Z. M. Alemu, **Kassie, M.**, and G. Kohlin (2010) Urban energy transition and technology adoption: The case of Tigray, Northern Ethiopia. EfD Discussion Paper 10-12, a joint publication of Environment for the Development Initiative and Resources for the Future (www.rff.org), Washington DC, August 2009.

WP9. **Kassie, M.**, B. Shifereaw, S. Asfaw, T. Abate, G. Muricho, S. Ferede, M. Eshete, K. Assefa (2009) Current Situation and Future Outlooks of the Chickpea Sub-sector in Ethiopia." International Crops Research Institutes for the Semi-Arid Tropics. Available at http://www.icrisat.org/tropicallegumesII/pdfs/Current_Situation.pdf. June 2009.

WP8. **Kassie, M.**, Zikhali, P., Pender, J., and Köhlin, G. (2009) Sustainable Agricultural Practices and Agricultural Productivity in Ethiopia: Does Agro-ecology Matter?, EfD Discussion Paper 09-12, a joint publication of Environment for the Development Initiative and Resources for the Future (www.rff.org), Washington DC, April 2009.

WP7. Yesfu, M., **Kassie, M.**, and G. Köhlin (2009) Risk Implications of Farm Technology Adoption in the Ethiopian Highlands, EfD Discussion Paper 08-09, EfD Discussion Paper 09-13, a joint publication of Environment for the Development Initiative and Resources for the Future (www.rff.org), Washington DC, May 2009.

WP6. **Kassie, M.**, S.T. Holden, G. Köhlin and R. A. Bluffstone (2008) Economics of Soil Conservation Adoption in High-Rainfall Areas of the Ethiopian Highlands, EfD Discussion Paper 08-09, a joint publication of Environment for the Development Initiative and Resources for the Future (www.rff.org), Washington DC, March 2008.

WP5. **Kassie, M.**, M. Yesuf and G. Köhlin (2008) The Role of Production Risk in Sustainable Land-Management Technology Adoption in the Ethiopian Highlands, EfD Discussion Paper 08-15, a joint publication of Environment for the Development Initiative and Resources for the Future (www.rff.org), Washington DC, April 2008.

WP4. Conway D., L. Schipper, M. Yesuf, **Kassie, M.**, A. Persechino and B. Kebede (2007). Reducing Vulnerability in Ethiopia: Addressing the Implications of Climate Change, Integration of Results from Phase I. Overseas Development Group, University of East Anglia, 38 pp., 2007.

WP3. Yesfu, M., A. Mekonnen, **Kassie, M.** and J. Pender (2007) Cost of Land Degradation in Ethiopia: A Review of Past Studies, Ethiopia: Thematic papers on land degradation in Ethiopia. Ministry of Agriculture and Rural Development (MoARD) and World Bank Publication, June 2007.

WP2. Zelek, G., **Kassie, M.**, J. Pender, and M. Yesfu (2007) Stakeholder assessment of opportunities and constraints to sustainable land management in Ethiopia, Ethiopia: Thematic papers on land degradation in Ethiopia. MoARD and World Bank Publication, June 2007.

WP1. Desta, L., **Kassie, M.**, S. Benin, and J. Pender (2000) Land Degradation and strategies for sustainable development in the Ethiopian highlands: Amhara Region, Socio-economics and Policy Research Working Paper 32. ILRI (International Livestock Research Institute), Nairobi, Kenya. 122 pp. 2000.

Peer-reviewed conference papers

CP 22: Abro, Z, **Kassie**, M., and Chrysantus, T. (2019). Climate-smart poultry farming in Kenya: macro-economic implications of replacing conventional protein sources with insect protein. Paper presented at the 6th African Conference of Agricultural Economists (6thACAE), Nigeria, Abuja, September 23-26, 2019. <https://aaae-africa.eventbank.com/resources/protected/organization/905/event/10772/8af671e1-dbe2-4f59-81bc-1d951007795a.pdf>

CP 21. **Kassie**, M., Diiro, G., and Muricho, G. “The nutrition impacts of women’s empowerment in Kenyan agriculture: Application of the multinomial endogenous switching treatment regression”. Presented at the 30th International Conference of Agricultural Economists, 28 July-3 August 2018, Vancouver, Canada.

CP 20. **Kassie**, M, Samuel Ledermann, Gracious Diiro, Tadele Tefera, Shifa Ballo, Lulseged Belayhun. “The economics of multiple interventions to achieve holistic outcomes: Pilot evidence from Ethiopia.” Presented at the 30th International Conference of Agricultural Economists, 28 July-3 August 2018, Vancouver, Canada.

CP 19. Paswel Marenaya, **Kassie**, M, Hailemariam Teklewold, Olaf Erenstein, Matin Qaim, Dil Rahut, “Does the adoption of maize-legume cropping diversification and modern seeds affect nutritional security in Ethiopia? Evidence from panel data analysis.” Presented at the 30th International Conference of Agricultural Economists, 28 July-3 August 2018, Vancouver, Canada.

CP 18. **Kassie**, M., Soul Midingoyi, Beatrice Muriithi, Tadele Tefera. “Do farmers and the environment benefit from adopting IPM practices? Evidence from Kenya” Presented at the 30th International Conference of Agricultural Economists, 28 July-3 August 2018, Vancouver, Canada.

CP 17. Muricho, G., **Kassie**, M., Diiro, G., Murithi, B. (1017) Women’s Empowerment in Agriculture and Determinants of Empowerment Indicators in Rural Kenya. Poster paper presented at the 21st Agricultural Economics Society conference, April 24-26th 2017, Dublin, Ireland. The poster won the best poster prize during the conference.

CP 16. Murithi, B., **Kassie**, M., Diiro, G. and Muricho, G. (2017). Does gender matter in adoption of sustainable agricultural technologies? A case of push–pull technology in Kenya. Poster paper presented at the 21st Agricultural Economics Society conference, April 24-26th 2017, Dublin, Ireland.

CP 15. **Kassie**, M. et al. (2017) Maize production and welfare effects of push pull technology. Contributed paper presented at the 3rd GlobalFood Symposium conference, April 28-29th 2017, Gottingen, Germany.

CP 14. Kassie, M., Erenstien, O. Jaleta, M., Marenya, P., and Mekuria, M. (2015) Technology diversification: Assessing impacts on crop income and agro-chemicals use in Malawi. Contributed paper for oral presentation at the 29th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Italy from August 9 to 14, 2015.

CP 13. Marenya, P.P., Kassie, M., Jaleta, M. and Rahut, D.(2015) Does gender of the household head explain smallholder farmers' maize market positions? Evidence from Ethiopia and Kenya. Contributed paper for oral presentation at the 29th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Italy from August 9 to 14, 2015.

CP 12. Marenya, P.P., Kassie, M., Jaleta, M. (2015) Adoption of conservation agriculture under alternative agricultural policy and market access indicators: Evidence from Eastern and Southern Africa. Contributed paper for oral presentation at the 29th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Italy from August 9 to 14, 2015.

CP 11. Girma, A., Kassie, M., Bauer, S., Aurbacher, J. (2015) Joint estimation on the combined use of land and water management practices in Azgo watershed, Ethiopia: Implication for adapting to climate-change induced water scarcity. Contributed paper for oral presentation at the 29th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Italy from August 9 to 14, 2015

CP 10. Kassie, M., Jaleta, M., Shiferaw, B., De Groote, H. and Mmbando, F. (2012). Improved Maize Technologies and Welfare Outcomes In Smallholder Systems: Evidence From Application of Parametric and Non-Parametric Approaches. Contributed paper at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Brazil from August 18 to 24, 2012. <http://ageconsearch.umn.edu/handle/128004> .

CP 9. Kassie, M., M. Jaleta, B. Shiferaw, F. Mmbando, and M. Mekuria (2012). Interdependence in Farmer Technology Adoption Decisions in Smallholder Systems: Joint Estimation of Investments in Sustainable Agricultural Practices in Rural Tanzania. Contributed paper presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Brazil from August 18 to 24, 201. <http://ageconsearch.umn.edu/handle/126791> .

CP 8. Jaleta, M., Kassie, M., and B. Shiferaw (2012). Tradeoffs in Crop Residue Utilization in Mixed Crop-Livestock Systems and Implications for Conservation Agriculture and Sustainable Land Management. Contributed paper presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Brazil from August 18 to 24, 2012. <http://ageconsearch.umn.edu/handle/126282> .

CP 7. Simtowe, F., Kassie, M., and Asfaw, S. (2012). Welfare Effects of Agricultural Technology Adoption: The Case of Improved Groundnut Varieties in Rural Malawi, Contributed paper presented at the 28th Triennial Conference of the International Association of Agricultural

Economists (IAAE) in Brazil from August 18 to 24, 2012.

<http://ageconsearch.umn.edu/handle/126761>

CP 6. Wagura, S., **Kassie, M.**, and Shiferaw, B (2012). Adoption of Agricultural Technologies in Kenya: How Does Gender Matter. Contributed paper presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Brazil from August 18 to 24, 2012. <http://iaae.confex.com/iaae/iaae28/webprogram/start.html>.

CP 5. Tekelwold, H., **Kassie, M.**, Shiferaw, B. (2012). Adoption of bio-diversification, conservation tillage and modern seed: Welfare and environmental implications. Contributed paper presented at the 19th Annual Conference of the European Association of Environmental and Resource Economists (EAERE) in Prague, Czech Republic, 27 - 30 June 2012 .

http://www.webmeets.com/files/papers/EAERE/2012/202/SAP_EAERE.pdf

CP 4. Tekelwold, T. **Kassie, M.**, and Shiferaw, B. (2012). On the joint estimation of multiple adoption decisions: The case of sustainable agricultural technologies and practices in Ethiopia. Contributed paper presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Brazil from August 18 to 24, 2012.

<http://ageconsearch.umn.edu/bitstream/126829/2/SAP-adoption-cover%20page.pdf> .

CP 3. Gitonga, Z., De Groote, H., **Kassie, M.**, and T. Tefera (2012). Can Metal Silo Technology Offer Solution to Grain Storage and Food Security Problem in Developing Countries? An Impact Evaluation From Kenya. Contributed paper to be presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Brazil from August 18 to 24, 2012. <http://iaae.confex.com/iaae/iaae28/webprogram/Paper17215.html> .

CP 2. Kathage, J., Q. Matin, **Kassie, M.** and B. Shiferaw (2012). Seed Market Liberalization, Hybrid Maize Adoption and Impacts On Smallholder Farmers In Tanzania. Visual contributed paper to be presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE) in Brazil from August 18 to 24, 2012.

<http://iaae.confex.com/iaae/iaae28/webprogram/Paper17100.html>

CP 1. Teshome, A. J. De Graaff, **Kassie, M.**, and L. Stroosnijder (2012) Role of institutional and socio-economic factors on adoption, dis-adoption and non- adoption of soil and water conservation technologies: Empirical evidence in the North Western Ethiopia highlands. Contributed paper for the 8th International Symposium Agro Environ in Wageningen from 1 - 4 May 2012. <http://library.wur.nl/ojs/index.php/AE2012/issue/view/466>.

Key policy documents

P10. Improved Maize Varieties and Household Food Security: Achieving impact in Tanzania. Socioeconomics program Policy brief No 6.

P9. Low Risk, High Returns: How adoption of crop diversification and minimum tillage is a win-win for smallholder farmers in Malawi. Socioeconomics program Policy brief No 5.

P8. Sustainable Agricultural Intensification Through Multi-technology Adoption: A Regional Overview from East and Southern Africa. Socioeconomics program Policy brief No 4.

P7. Sustainable Agricultural Intensification in Ethiopia: Achieving maximum impact through adoption of suites of technologies. Socioeconomics program Policy brief No 3.

P6. Give and Take: Tackling trade-offs in crop residue use for conservation agriculture in Kenya. Socioeconomics program Policy brief No 2.

P5. Food security as a gender issue: Why are female-headed households worse off compared to similar male-headed counterparts? Socioeconomics program Policy brief No 1. 2014

P4. **Kassie, M.** and Z. Precious (2009) The contribution of sustainable agriculture and land management to sustainable development, United Nations Sustainable Development Innovation Briefs, Issue 7, May 2009. Available at http://www.un.org/esa/dsd/resources/res_pdfs/publications/ib/no7.pdf.

P3. Mekonnen, A., Z. Gebreegziabher and **Kassie, M.**, and G. Köhlin (2009). Income alone doesn't determine adoption and choice of fuel types: Evidence from households in Tigray and major cities in Ethiopia, Policy Brief, April 2009. Available at <http://www.efdinitiative.org/centers/ethiopia/publications-projects/4-policy-briefs?uid=0c5a066600db62639785fa5bdfb89f85>.

P2. Yesuf, M., **Kassie, M.**, and G. Köhlin (2009) Risk Implications of Farm Technology Adoption in the Ethiopian Highlands|| Policy Brief, May 2009. Available at <http://www.efdinitiative.org/centers/kenya/publications-projects/4-policy-briefs?uid=10699efc10be336743552f1fc3261fd5>.

P1. **Kassie, M.**. (2008). Where do Sustainable Land management practices work: A comparative study, Policy Brief, December 2008. Available at <http://www.efdinitiative.org/centers/ethiopia/publications-projects/4-policy-briefs?uid=46b4161494319cb6db603492c3e75a51>

Speaker at professional events to highlight icipe's work

- Post-COVID- 19 policy options in Africa submitted to AfDB and presented at the Global CoP Seminar on: “Building Resilience in Food Systems and Agriculture Value Chains: Agricultural Policy Responses to COVID-19 in Africa, 19th May 2020.
- How to get from research to policy-present to stimulate discussion and lead the group discussion (Sida), May 2019, Stockholm, Sweden.
- ILRI wide seminar on economics of one health interventions in Ethiopia. October 2018, Addis Ababa.
- Multi-intervention impact assessment in Tolay, Ethiopia. Presented at the Biovision annual Symposium, Zurich, Switzerland (presented to over 800 attendees), October 2017.
- ILRI wide seminar on socioeconomics and environmental implications of insect farming for feed, November 2019, Addis Ababa, Ethiopia

Professional awards and recognition

- 2019-listed as top 500 authors (publisher) in Kenya
- 2019-Outstanding Professional staff of the year, icipe
- 2017-2019-Rated as excellent or exceptional staff three times in a row
- 2018-2022-Elected twice, as a research committee member (2018–2022) of the Environment for Development (EfD) initiative (<https://efdinitiative.org/>) at the University of Gothenburg in Sweden.
- 2014-Outstanding publisher, socio-economic program, CIMMYT
- 2015- Outstanding publisher, socio-economic program, CIMMYT
- 2000-Ph.D fellowship by Lanekassen, Norway

Resource mobilization

I played a considerable role in resource mobilization. All the proposals funded.

1. **2019-MORE Young Entrepreneurs in Silk and Honey Project (MOYESH)**. Funded by Mastercard Foundation (USD 55.6 million)-Five-year project (2019-2024) only be implemented in **Ethiopia**. **Lead the development of the proposal (2019-2024)**.
2. **2019-Scaling-up Climate-Smart Pest Management Approaches for Enhanced Maize and Tomato Systems Productivity in Eastern Africa-BMZ** (Euro 1.2 million): 2020-2023. Substantially contribute to the development of the project and lead the socioeconomic component.
3. **2019- Identification of virus transmission networks to control key arboviral diseases in Kenya** (USD 745,000)-Lead social sciences component
4. **2019-Augmentative biological control of the fall armyworm (*Spodoptera frugiperda*) with egg parasitoids in Kenya and Tanzania-USAID** (USD 400,000)-lead impact section.
5. **2018- A Crowd-Sourcing Approach to Large Scale Monitoring of Pests by Smallholder farmers-PI** (USD 100,000)-**BMGF**
6. **2018-Strengthening “Out-grower” Models to Sustainably Produce Commercial insect-based Protein for Poultry and Fish Feed for Improved Livelihoods in Kenya-Rockefeller Foundation** (USD 600, 000)- **Co-PI of the project** (2019-2020).
7. **2018-Combating Arthropod Pests for Better Health, Food, and Resilience to Climate Change-NORAD** (USD 4 million)-2018-2022. **Lead the development of M&E framework and Socio-economic component of the project.**
8. **2018-INSFEED2: Insect feed for poultry, fish and pig production in Sub-Saharan-Phase II** (USD 1.1 million)-IDRC + ACIAR- **Lead the development of M&E framework, and gender and Socio-economic component of the project**
9. **2018-Improving food and nutritional security through integrated control of tsetse and tick-borne livestock diseases-BMZ-** (Euro 1.2 million)-2018-2021. **Substantially contribute to the development of the project and also lead the development of M&E framework and Socio-economic component of the project.**
10. **2018-Alien invasive fruit flies in Southern Africa: Implementation of a sustainable IPM program to combat their menaces- IDRC** (USD 1.5 million)-2018-2021. **Substantially contribute to the development of the project and also lead the development of M&E framework and Socio-economic component of the project.**
11. **2018-Combating an invasive pest of a key Solanaceous vegetable for food and nutritional security in East Africa-AU**(1 million).
12. **2018- Welfare, Nutritional, and Human Health Impacts of Post-Harvest Loss Prevention: A Large-Scale Field Experiment in Kenya-ETH-Zurich** (USD 54,000)
13. **2017- Integrated pest management strategy to counter the threat of invasive fall armyworm to food security in Eastern Africa-EU** (5.6 million)- **lead the development of M&E framework, ToC, and Socio-economic component of the project**
14. **2017-Integrated pest and pollinators management (IPPM) to enhance productivity of avocado and cucurbits among smallholder growers in East Africa-BMZ-** **(Euro 1.2**

- million)-Contributed to development of problem trees, M&E framework, ToC , and gender and social science component.
15. **2015-** IPM for Rice, Maize, and Chickpea in East Africa-**Co-PI** (USD 2.3 million). IPM Innovaiton lab.
 16. **2014-**Sustainable intensification practices impact on farm income and input use: A multinomial endogenous switching approach using panel data-SPIA (USD 100,000). **Principal Investigator and coordinator of the project.**
 17. **2013-**Role of crop diversification for food and nutrition security in sub-Saharan Africa- SPIA (USD 250, 000). PI of the project (2013-2014). **Principal Investigator and coordinator of the project.**
 18. **2012-**Identifying socioeconomic constraints to and incentives for faster technology adoption: Pathways to sustainable intensification in Eastern and Southern Africa- ACIAR (USD 4 million). Contribute to development of the Proposal and leader of the project (2012-2016). **Substantially contribute to the development of the project and coordinator of the project.**
 19. **2011-**Conservation Agriculture and Smallholder Farmers in Eastern and Southern Africa – Leveraging Institutional Innovations and Policies for Sustainable Intensification and Food Security-BMZ- (Euro 1.2 million). **Contribute to the development of the project and develop the socio-economic component of the project.**
 20. **2010-**Sustainable Intensification of Maize-Legume Systems for the Eastern Province of Zambia-USIAD (USD 4 million]. **Contribute to the development of the project and develop the socio-economic component of the project.**
 21. 2010-SIMLESA¹ expansion project in Ethiopia-ACIAR (USD 2 million). **Contribute to the development of the project and Lead the development of and coordinate the Socio-economic component of the project.**
 22. 2010-Community- based solutions for agricultural risk mitigation and transfer to enhance-Development Fund of Norway (NOK 2.1 Million). Lead the development of the proposal and PI of the project. **Principal Investigator and coordinator of the project.**
 23. **2007-**Natural resource accounting in Ethiopia (USD 27, 000)- Centre for Environmental Economics and Policy in Africa (CEEPA), University of Pretoria. **Principal Investigator and coordinator of the project.**
 24. **2006-**Humbo Community Managed Natural Regeneration Project in Ethiopia (USD 9,000)- World Bank and World Vision Ethiopia and Australia. **Principal Investigator and coordinator of the project.**

¹ SIMLESA- Sustainable Intensification of Maize-legume Cropping System for Food Security in Eastern and Southern Africa.

Partners' capacity building

1. 2018-Impact assessment and adoption methods training provided to 12 research fellow of the Environment for Development (EfD) initiative(<https://efdinitiative.org/>) in Vietnam, Hanoi.
2. 2017: Adoption and impact assessment tools training provided to 23 faculty members of the Department of agricultural Economics, Bahir Dar University, Ethiopia.
3. 2013-Trained the Ethiopian Institute of Agricultural Research economists (19) on Adoption and impact evaluation methods.
4. 2013-Trained Adoption Pathways project partners (from five African countries) on econometric analysis of production risk, adoption, and impact assessment. The trained conducted 19-23 May in Ethiopia.
5. 2010-Trained SIMLESA² partner economists on adoption and impact evaluation tools and household survey design and implementation. Thirteen economists from five African countries (Tanzania, Malawi, Mozambique, Kenya and Ethiopia) took the training. The training conducted from 11-12 Nov 2010 in Ethiopia, Addis Ababa.
6. 2010-Trained SIMLESA partner economists, agronomists and breeders on simple socio-economic tools to analyze and evaluate economic impacts of Conservation Agriculture. The training was conducted in Ethiopia, Melkasa research center (21-22 Oct 2010) and Tanzania, Arusha (30 Sept-1 Oct 2010). Fifty two participants from both countries (Tanzania-25 and Ethiopia-28) attended the training.

² SIMLESA-Sustainable Intensification of Maize-legume Cropping System for Food Security in Eastern and Southern Africa.

Ph.D. Student Supervision

Student Name: Kavengi Kitonga (2020 to date)

Thesis title: The role of tsetse and ticks management control strategies in enhancing smallholder livestock farmers welfare in Kenya and Ethiopia

University: the University of Nairobi, The Netherlands.

Status: ongoing

Student Name: Paul Nyangau (2018 to date)

Thesis title: The economic burden of Aboviruses

University: University of Nairobi.

Student Name: Solomon Balew (2018 to date)

Thesis title: Adoption of Push-Pull Technology and Its Impacts: A Randomized Controlled Trial in Southern Ethiopia

University: Wageningen University, The Netherlands.

Status: ongoing

Student Name: Brian Chisanga

Thesis title: The economic impact of screening rural houses as an additional vector control against Malaria transmission in Zambia

University: Wageningen University, The Netherlands.

Status: ongoing

Student Name: Soul-kifouly G. Midingoyi (2016-2018)

Thesis title: Impact of Biocontrol on welfare in Kenya

University: Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Status: Completed

Student Name: Antenh Girma (2013-2016)

Thesis title: Privatization of Seed Markets: Implications for Poverty in Sub-Saharan Africa

University: Justus Liebig University Giessen, Germany

Status: Completed

Student Name: Akalu Teshome:

Thesis title: Impact of Institutional and Socio-Economic Factors on Sustainable Land Management Investments in North-Western Ethiopia (2010-2014)

University: Wageningen University in the Department of Environmental Sciences

Status: Completed

Student Name: Hailemariam Teklewold

Thesis title: Easy in Economics of sustainable agriculture in Ethiopia (2010 to 2013)

University: University of Gothenburg in the Department of Economics and one form

Status: Completed

Student Name: Simon Wagura

Thesis title: Gender, transaction costs, technology characteristics, seed and output market liberalization and technology adoption (2011 to 2013)

University: University of Gothenburg in the Department of Economics and one form

Status: Completed

Student Name: Jonas Kathage

Research project: Privatization of Seed Markets: Implications for Poverty in Sub-Saharan Africa (2010-2013)

University: Georg-August-University of Göttingen

Status: Completed

Student Name: Stefan Koppmair

Thesis title: Farm production and divert diversity and impact of input subsidy on natural resource management in Malawi (2014-2017)

University: Georg-August-University of Göttingen

Status: Completed

MSc student supervision

Student name: Kitheka Mundumwiu (2017-2018)

Thesis title: Ean-ante adoption of and willingness to pay for larvae spy device as early warning system pest infestation in grain storage in Kenya

University: Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Status: Completed.

Student name: Rono Kiprotich (2019 to date)

Thesis title: Social cost-benefit analysis of push-pull technology: A case of smallholder maize farmers in Kericho and Nakuru counties in Kenya

University: University of Nairobi

Status: Expected to finish early 2020.

Student Name: Vincent Gadamba (2019 to date)

Thesis title: Impact of insect pest control push-pull technology participation on smallholder farm productivity in eastern Rwanda

Status: Ongoing

Student name: Haymanot Alebel- (2018)

Thesis title: Livelihood contribution of farmed beekeeping to rural households: Evidence from North-Western Ethiopia

University: Bahir Dar University

Status: Completed

Student name: Sisay Getahun- (2018)

Thesis title: Impact of pollinator habitats and managed bee pollination on yields of pollinator dependent crops- Evidence from North-Western Ethiopia

University: Bahir Dar University

Status: Completed

Professional Affiliations

- Agriculture and Applied Economic Association(AAEA)
- International Association of Agricultural Economists (IAAE)
- The African Association of Agricultural Economists (AAAE)

Refereeing

World Development, Food policy, Food security, Land Use Policy, Agricultural Economics, Journal of Agricultural Economics, Ecological Economics, Agricultural Water Management, African Journal of Agricultural and Resource Economics, Journal of development effectiveness, European Review of Agricultural Economics; Journal of Development Studies, Agricultural and Resources Economics Review, British Food Journal, Technological Forecast and Social Change

REFEREES

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Washington DC, USA
Email: bambaye@worldbank.org