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**Education**

**PhD** (2013) – Agricultural/Business Economics, Wageningen University and Research Centre, The Netherlands. Thesis Research Title: Economic and agronomic analysis of the seed potato supply chain in Ethiopia. <https://edepot.wur.nl/258161>

**MSc** (2002): Agricultural Economics, GB Pant University of Agriculture and Technology, India.

**BSc** (1995): Agriculture (Animal Science), Alemaya University of Agriculture, Ethiopia

**Work experience**

**September 2020 to date:** Agricultural economist (associate scientist) at IITA based in Malawi

**July 2015 – August 2020:** Monitoring and evaluation office (associate scientist) at IITA, based in Malawi

**June 2013 – June 2015**: Assistant professor**,** Hawassa University, Department of Agribusiness and Value Chain Management

**November 2004 – September 2008:** Lecturer, Department of Agricultural Resource Economics and Management, Hawassa University.

**June 2007 – September 2008:** Head,Department of Agricultural Resource Economics and Management, Hawassa University.

**2007 – 2015:** Consultant at CIMMYT, CIP, IFPRI and ILRI

**October 1996 – July 2000/September 2002 – 8/2004**: Junior/assistant researcher, Oromia Agricultural Research Institute, Bako and Adami Tulu Agricultural Research Centers, Socio-economics Research Division

**Publications**

**Adane Hirpa Tufa**, Arega D. Alene, Steven M Cole, Julius Manda, Shiferaw Feleke, Tahirou Abdoulaye, David Chikoye, Victor Manyong. 2021. Gender differences in the adoption of improved agricultural technologies and crop productivity: Evidence from Malawi. **Revised and resubmitted in World Development**

**Adane Hirpa Tufa**, Arega D. Alene, Julius Manda, Shiferaw Feleke, Tesfamichael Wossen, MG Akinwale, David Chikoye, Victor Manyong. 2021. The poverty impacts of improved soybean technologies in Malawi. Agrekon, <https://doi.org/10.1080/03031853.2021.1939075>

Dadirai Mkombe, **Adane Hirpa Tufa**, Arega D. Alene, Julius Manda, Shiferaw Feleke, Tahirou Abdoulaye and Victor Manyong. 2020**.** The effects of foreign direct investment on youth unemployment in the Southern African Development Community**.** Development Southern Africa, <https://doi.org/10.1080/0376835X.2020.1796598>

Jolex, A.; Tufa, A. The Effect of ICT Use on the Profitability of Young Agripreneurs in Malawi. *Sustainability* **2022**, *14*, x. https://doi.org/10.3390/xxxxx

Manda, J., A.D. Alene, **A.H. Tufa,** M. Mutenje, P. Setimela, T. Abdoulaye and V. Manyong. 2020. Does cooperative membership increase agricultural technology adoption? Empirical evidence from Zambia. Technological Forecasting & Social Change 158, 120160, <https://doi.org/10.1016/j.techfore.2020.120160>.

Manda, J. Arega D. Alene, **Adane Hirpa Tufa**, Shiferaw Feleke, Tahirou Abdoulaye, Lucky O. Omoigui, Victor Manyong. 2020. Market participation, household food security, and income: The case of cowpea producers in northern Nigeria. Food and Energy Security. <https://doi.org/10.1002/fes3.211>

**Adane Hirpa Tufa**, Arega D. Alene, Julius Manda, MG Akinwale, David Chikoye, Shiferaw Feleke, Tesfamichael Assfaw. Victor Manyong. 2019. The productivity and income effects of adoption of improved soybean varieties and agronomic practices in Malawi. World Development, 124. <https://doi.org/10.1016/j.worlddev.2019.104631>

Manda, J., Arega D. Alene, **Adane Hirpa Tufa**, Tahirou Abdoulaye, Alpha Y. Kamara, David Chikoye and Victor Manyong. 2019. The Impact of Improved Cowpea Varieties on Poverty in Nigeria: A Counterfactual Analysis Approach. World Development, 122, 261 – 271. <https://doi.org/10.1016/j.worlddev.2019.05.027>

Manda., J., Arega D. Alene, **Adane Hirpa Tufa**, Tahirou Abdoulaye, Olusoji Olufajo, Alpha Y. Kamara, Ousman. Boukar, and Victor Manyong. 2019. Adoption And Ex-Post Impacts of Improved Cowpea Varieties on Productivity, Net Returns and Costs in Nigeria. Journal of Agricultural Economics. https://doi.org/[10.1111/1477-9552.12331](https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.1111%2F1477-9552.12331?_sg%5B0%5D=t3DzrXg52tJadA6friCVhvaP42bG5gZN6WC6UAN_Nnw0PNuY_C1ZKwQaCjVsDYhoPCVr4kdpAUm5SzCQcTuiOKpmyg.s3aD25WoOvMkRPnFsGYldfPWGuSWFOQdvyr9M1TF6yTmzt2coQyQwyPvoTg1Ljl7j8gQPiJS06F5WhA9JoiZpA)

Birkinesh Gebeyehu, Shiferaw Feleke, **Adane Hirpa Tufa**, Thomas Lemma, Tewodros Tefera, Victor Manyong. 2018. Patterns and structure of household income inequality in rural Ethiopia. World Development Perspectives 10–12: 80–82. <https://doi.org/10.1016/j.wdp.2018.09.007>

[Makaiko G. Khonje](https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorStored=Khonje%2C+Makaiko+G), [Julius Manda](https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorStored=Manda%2C+Julius), [Petros Mkandawire](https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorStored=Mkandawire%2C+Petros), [**Adane Hirpa Tufa**](https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorStored=Tufa%2C+Adane+Hirpa), [Arega D. Alene](https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorStored=Alene%2C+Arega+D). 2018. Adoption and welfare impacts of multiple agricultural technologies: evidence from eastern Zambia. Agricultural economics 49(5): 599-609. <https://doi.org/10.1111/agec.12445>

Zerhun Ganewo, Tewodros Tefera, **Adane Hirpa**. 2017. Determinants of Varietal Replacement of Haricot Bean by Farmers in Boricha District, Southern Ethiopia. Journal of Science and development (Hawassa University). <http://www.hu.edu.et/hu/images/jsd2016/Final_Tewodros_2017_for_web.pdf>

Adugna Jote, Shiferaw Feleke, **Adane Tufa**, Victor Manyong and Thomas lemma. 2017. Assessing The efficiency of sweet potato producers in the southern region of Ethiopia. Experimental Agriculture 1 of 16. <https://doi.org/10.1017/S0014479717000199>

**Adane Hirpa Tufa**, Meuwissen, M.P.M., Lommen, W.J.M., Oude Lansink, A.G.J.M., Tsegaye, A. and Struik, P.C. 2016. Improving quality of seed potato in Ethiopia: a value chain perspective. In J. Bijman and V. Bitzer (eds.) Quality and innovation in food chains. Wageningen Academic Publishers, <https://doi.org/10.3920/978-90-8686-825-4_5>

**Adane Hirpa Tufa**, Meuwissen, M.P.M., Lommen, W.J.M., Tsegaye, A. and Struik, P.C., Oude Lansink, A.G.J.M., 2015. Least-cost seed potato production in Ethiopia. Potato Research 58(3) 277-300. <https://link.springer.com/article/10.1007/s11540-015-9309-1>

**Adane Hirpa Tufa, A**., Meuwissen, M.P.M., Van der Lans, I.A., Lommen, W.J.M., Oude Lansink, A.G.J.M., Tsegaye, A. and Struik, P.C., 2012. Farmers’ opinion on seed potato management attributes in Ethiopia: a conjoint analysis. Agronomy Journal 104(5), 1413-1424. <https://pdfs.semanticscholar.org/665d/61f72951b54f326772410d34b1d85fc8052c.pdf>

**Adane Hirpa Tufa**, Meuwissen, M.P.M., Tesfaye, A., Lommen, W.J.M., Oude Lansink, A.G.J.M., Tsegaye, A. and Struik, P.C., 2010. Analysis of Seed Potato Systems in Ethiopia. American Journal of Potato Research 87, 537-552. <https://link.springer.com/article/10.1007/s12230-010-9164-1>

**Working Papers**

Gebremedhin, B.; **Hirpa, A.**; Berhe, K. 2009. Feed marketing in Ethiopia: results of rapid market appraisal. IPMS Working Paper 15. Addis Ababa (Ethiopia): ILR

**Book chapters**

**Adane Hirpa,** 2008. Sheep and goat economics of production and marketing. In: Alemu Yami and R.C. Markel (eds). Sheep and Goat Production Handbook for Ethiopia. ESGPIP (Ethiopia Sheep and Goats Productivity Improvement Program). 2008, Addis Ababa, Ethiopia. Pp 297-324.

**Adane Hirpa** and Girma Abebe 2008**.**  Economic significance of sheep and goats. In: Alemu Yami and R.C. Markel (eds). Sheep and Goat Production Handbook for Ethiopia. ESGPIP (Ethiopia Sheep and Goats Productivity Improvement Program). 2008, Addis Ababa, Ethiopia. Pp 2-4.

Michele Nori, **Adane Hirpa**, 1999. Complementary method to understand land use changes: an example from the Ethiopian Rift valley: in Marc p. lammeink and Dick de Jong (eds) participatory learning and Action (PLA) Notes, Issue 35, Pp.16–20, IIED London.

**Research reports**

**Adane Hirpa, 2014.** Irish Potato and Orange Fleshed Sweet Potato Value Chain Analysis in SNNPR, Ethiopia: The results of value chain mapping and detailed description

**Adane Hirpa, 2014**. Developing a conceptual framework for evaluating wheat Innovation Platforms. It is part of IFPRI’s Multinational–Project: “Support to Agricultural Research for Development of Strategic Crops in Africa (SARD-SC)”.

**Adane Hirpa,** 2014. Diagnostic of smallholder farmers’ access to output markets and wheat value chain in Ethiopia’. It is part of IFPRI’s Multinational–Project: “Support to Agricultural Research for Development of Strategic Crops in Africa (SARD-SC)”.

Kebebe Ergano, **Adane Hirpa** and Waktole Tiki. 2009. Outcomes of CIDA-UPCD Sustainable Rural Agriculture Development Project in Ethiopia.

**Project reports**

Contributed to 15 Quarterly reports and 3 annual reports for project entitled “Making High Quality Soybean Seeds Accessible to Smallholder Farmers in Malawi” in the period from July 2015 to December 2018.

Contributed to 8 Quarterly reports and 3 annual reports for project entitled “Development, promotion and commercialization of biological control in the groundnut and maize value chains to improve public health, increase trade, augment smallholder income, and enhance food security in Malawi” in the period from July 2015 to December 2017.

Contributed to one baseline survey and two annual beneficiary surveys to consortium entitle “Malawi Improved Seed Systems and Technologies (MISST) Project” in the period from July 2015 to December 2017.

Steffen Schulz, **Adane Hirpa** and Frezer Asfaw. 2014. Ninth monthly program report: Better potato for a Better Life project (Tackling Food Security and malnutrition through diversification – exploring the potential of potato to reduce food insecurity dependence on cereals in SNNPR and Tigray).

Adane Hirpa and Moti Jaleta. 2015. Conservation Agriculture and Smallholder Farmers in Eastern and Southern Africa-Leveraging Institutional Innovations and Policies for Sustainable Intensification and Food Security (CASFESA, 2011/260-204) – Project Ending Report outline.

**Conferences papers**

**Adane Hirpa Tufa**, Arega D. Alene, *Julius Manda, Shiferaw Feleke, Tahirou Abdulai, Moti Jaleta, Victor Manyong.* Gender differentials in the adoption and impact of agricultural technologies in Malawi. 6th African Conference of Agricultural Economists, September 23-26, 2019, Abuja, **Nigeria**

**Adane Hirpa Tufa**, Arega D. Alene, *Julius Manda, Shiferaw Feleke, MG Akinwale, David Chikoye, Victor Manyong. Adoption and poverty impacts of improved soybean varieties and agronomic practices. Sustainability and Development Conference, Nov 9-11, 2018 Ann Arbor, Michingan,* ***USA.***

**Adane Hirpa *Tufa****, Arega D. Alene,* Julius Manda, MG Akinwale, David Chikoye, Shiferaw Feleke, Victor Manyong. The yield and income effects of adoption of improved soybean varieties and agronomic practices. 30th International Conference Agricultural Economists, July 28-2 August, 2018 Vancouver, **Canada*.***

**Adane Hirpa,** Meuwissen, M.P.M., Lommen, W.J.M., Tsegaye, A. and Struik, P.C., Oude Lansink, A.G.J.M., 2013. Cost-effective methods of seed potato production in Ethiopia. African Potato Association (APA) 9th Triennial Conference, 30 June to 4 July, 2013, Naivasha**, Kenya.**

**Adane Hirpa**, Meuwissen, M.P.M., Lommen, W.J.M., Oude Lansink, A.G.J.M., Tsegaye, A. and Struik, P.C., 2013. Performance of seed potato supply chains in Ethiopia. African Potato Association (APA) 9th Triennial Conference, 30 June to 4 July, 2013, Naivasha, Kenya.

Adane Hirpa and Admasu Tsegaye. 2008. State of Seed Potato Supply System in Ethiopia. CoQA kickoff workshop, 3-4 November 2008, Wageningen, The Netherlands.

Adane Hirpa, Miranda Meuwissen, Willemien Lommen, Alfons Oude Lansink, Paul Struik and Admasu Tsegaye. 2009. Economic and agronomic analysis of seed potato supply chains in Ethiopia. International Co-innovation for Quality in African Food Chains (CoQA) workshop, 26-28 May, Wageningen, The Netherlands.

Adane Hirpa, Miranda Meuwissen, Willemien Lommen, Alfons Oude Lansink, Admasu Tsegaye, and Paul Struik. 2010. Identification and evaluation of seed potato management variables using the Modified Delphi Technique. CoQA International workshop, 25-26 October 2010, Addis Ababa, Ethiopia.

Adane Hirpa, Miranda Meuwissen, Ivo van der Lans, Willemien Lommen, Alfons Oude Lansink, Admasu Tsegaye and Paul Struik. 2011. Elicitation of farmers’ opinion on seed potato management attributes in Ethiopia. CoQA International workshop, 20-22 October 2011, Cotonou, Benin.

Adane Hirpa, Miranda Meuwissen, Ivo van der Lans, Willemien Lommen, Alfons Oude Lansink, Admasu Tsegaye and Paul Struik. 2012. Effect of management attributes on seed potato yield and quality in Ethiopia. 10th Wageningen International Conference on Chain and Network Management (WICaNeM), 23-25 May 2012, Wageningen, The Netherlands.

Adane Hirpa, Miranda Meuwissen, Willemien Lommen, Alfons Oude Lansink, Admassu Tsegaye, Paul Struik. 2013. Improvement of production and postharvest practices in seed potato supply chains. [CoQAAgri-ProFocus Stakeholder Workshop](http://coqa.nl/ethiopia2013) “Thinking quality, promoting innovation.” Smallholders, quality and co-innovation in the Ethiopian potato value chain, 5 February 2013, Addis Ababa, Ethiopia.

**Supervised MSc thesis and research works of young research fellows:**

Lilongwe University of Agriculture and Natural Resources (LUANAR)

Student name: Dyna Mvula (MSc Student, 2020 – 2021)

Thesis title: Determinants of youth participation in pond fish production in aquaculture in Lilongwe and Mchinji districts

University of Malawi, Department of Economics, Chancellor College

Research fellow name: Lucius Cassim (Young research fellow – 2020-2021)

Research Title: Drivers and persistence of skills and educational mismatch among the youths in Malawi

University of Nairobi

Student name: Benimana Uwera Gilberthe

Thesis title: The Income effect of Agribusiness Financing Scheme on Youth Agripreneurs in Rwanda: Case of Rwanda Business Development Fund

Research fellow name: Patrick Byishimo (2019)

Research Title: The Effect of Land Access on Youth Employment and Migration Decisions: Case of rural Rwanda

University of Malawi

Student: Jolex Aubrey (2019)

Thesis title: The Effect of ICT use on Income of Youth Agriprenuers in Malawi

Research Fellow: Dadirai Mkombe

Research Title: The effects of foreign direct investment on youth unemployment in the Southern African Development Community (2018)

Wageningen University and Research

Student Name: Tewodros Ayalew

Thesis title: Characterization of Seed Potato (Solanum tuberosum L.) production, storage, pre-planting treatment methods and Marketing Systems in West-Arsi, Southern Ethiopia (2012)

Hawassa University

Student Name: Adugna Jote (2014 – 2015)

Thesis Title: Technical, Allocative and Economic Efficiencies of Sweet Potato Production: The Case of Sodo Zuria Woreda, Wolaita Zone, SNNPR

Student name: Birkinesh Gebeyehu

Thesis title: Gender analysis of income distribution in Enset based farming system among rural households: the case of Sodo Zuria woreda, Wolaita Zone, SNNPR (2014 to 2015)

Student name: Zerhun Genewo (2014 – 2015)

Thesis title: Determinants of haricot bean seed and varietal replacement in Boricha Woreda, Sidama zone of SNNPR, Ethiopia

Student name: Yadeta Bekele (2014 – 2016)

Thesis title: Effect of Contract Farming Scheme on Smallholder Farmers’ Income: The Case of Malt Barley (Hordeum Vulgare L.) Production in Tiyo Woreda of Oromia Region, Ethiopia

Student name: Hanibal Bekele Hundie (2014 – 2016)

Thesis title: Potato Value Chain Analysis: The case of Gumer Woreda, Gurage zone SNNPR, Ethiopia

Student name: Amhayesus Woldemichael (2014 – 2017)

Thesis title: Analysis of the Role of Cooperatives in Agricultural Output Marketing in Dalocha Woreda, Silte Zone, SNNPR, Ethiopia

**Reviewer for the journals**

* Technological Forecasting and Social Change
* PLOS One
* Sustainability
* Canadian Journal of agricultural economics
* Agrekon

**Professional Affiliations and Memberships**

* The international association of agricultural economists
* African Association of Agricultural Economists

**Short courses**

* Hands-on training on World Bank Survey Solutions CAPI platform held from December 14 – 18 2020, organized by IITA-Malawi ACASA project
* Project Management Tools for Effective Research Project Delivery, held from 29 June - 3 July 2020, organized (virtual) by IITA Capacity Development Office.
* Bayesian analysis using Stata, May 21, 2020. Webinar by StataCorp LLC.
* Gender Awareness and Sensitization in the Work Place, April 4-5, 2019, IITA Ibadan, Nigeria
* Geographical Information System (GIS) for Agricultural Research in Africa, May 2-6, 2016, IITA Ibadan, Nigeria
* Information Literacy for Ph.D. including EndNote Introduction, April 12 – 13, 2011, organized by Wageningen Graduate Schools, Wageningen, The Netherlands.
* Techniques for writing and presenting a scientific paper, July 3 – 6, 2012, organized by Wageningen Graduate Schools, Wageningen, The Netherlands.
* Voice matters – voice and presentation skills training, December 9 - 12, 2011, organized by Wageningen Graduate Schools, Wageningen, The Netherlands.
* Introduction to Social Network Analysis, February 12-13, 2007, organized by IFPRI, EDRI, ESSP, Ararat Hotel, Addis Ababa, Ethiopia.
* **Pedagogical Training**, 11 – 22 October 2004, organized by Hawassa University, Ethiopia.
* Knowledge Management: Sustainable Agriculture and Gender “A learning and Sharing Write – Workshop for NOVIB-OXFAM partners and government counterparts”, December 25-31 2005, organized by Agri-service Ethiopia, Adama Ras Hotel, Nazareth, Ethiopia.
* **Marketing Analysis**, March 1-5, 2004, organized by EARO, ASARECA, IITA, FOODNET, CIAT, CIMMYT, and IFPRI at Melkasa Agricultural Research Centre, Ethiopia.

**References**

Dr. Arega Alene

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