

CONTACT INFORMATION	Musa Hasen Ahmed Addis Ababa Ethiopia Tel: +251923437501	Website: Personal page : Google scholar ✉ E-mail: ahmed@merit.unu.edu
EDUCATION	Maastricht University , Netherlands	2018–2023
	<ul style="list-style-type: none"> • Ph.D. in Economics. • Main Courses: <i>Economics of Innovation; Economic Development; Economics of Networks; Technical Change: Economic Theory and Evolutionary Modeling; Programme and Policy Evaluation; Social Protection, Governance of Development as a Complex Social System, and Leveraging Technology and Innovation for the Sustainable Development Goals.</i> • Dissertation: Essays on Development Economics: Climate Change, Education and Development. • Advisors: Prof. Franziska Gassmann and Dr. Stephan Dietrich. 	
	Haramaya University , Ethiopia.	2011–2013
	<ul style="list-style-type: none"> • Master of Science in Agricultural Economics. • Main Courses: <i>Microeconomics; Macroeconomics; Advanced Econometrics; Mathematics for Economists; Applied Methods of Operations Research in Agriculture; Economics of Agricultural Production; International Agricultural Trade; Agricultural Marketing and Price Analysis; Agricultural Project Planning and Analysis; Seminar in Agricultural Economics and Farm Management.</i> 	
	Haramaya University , Ethiopia.	2006–2009
	<ul style="list-style-type: none"> • Bachelor of Science in Agricultural Economics 	
PROFESSIONAL EXPERIENCE		
	May 2023 - – Short-term Consultant: Climate Change Impact on Risk Preference and the Effectiveness of Agricultural Innovations. The World Bank	
	Jun 2020 - Jun 2021 Researcher: Evaluation of Urban Response Project in Kenya. WFP and Maastricht University	
	Jun 2020 - Dec 2021 Researcher: Baseline outcome-1 of WFP Kenya County Strategic Plan 2018 to 2023, Kenya. WFP and Maastricht University	
	Aug 2018 - May 2023 Ph.D. Fellow , UNU-MERIT, Maastricht University, Boschstraat 24, 6211 AX Maastricht, Netherlands. Courses Tutored: Regression Analysis (Graduate level), Microeconomics (Under graduate)	
	Sep 2009- Aug 2018 Lecturer and Researcher , School of Agricultural Economics and Agribusiness, Haramaya University , Ethiopia. Courses Taught: Mathematics for Economists, Microeconomics, Operations Research, Agricultural Project Planning and Analysis, and Agricultural Marketing	
SELECTED PUBLICATIONS		
	Ahmed, M. H. , Tesfaye, W. M., & Gassmann, F. (2023). Early growing season weather variation, expectation formation and agricultural land allocation decisions in Ethiopia. <i>Journal of Agricultural Economics</i> , 74(1), 255-272.	
	Ahmed, M. H. (2022). Impact of Irrigation on Farm Households Diet Quality: Evidence from Ethiopia. <i>Irrigation and Drainage</i> , 71(4), 1089-1106.	

Ahmed, M. H., Does row planting enhance productivity and reduce risk exposure? Insights from Ethiopia *Journal of Agricultural and Applied Economics*, 55(1), 133-150.

Ahmed, M. H. (2022). Impact of improved seed and inorganic fertilizer on maize yield and welfare: evidence from Eastern Ethiopia. *Journal of Agriculture and Food Research*, 7, 100266.

Koricho, M. G., & **Ahmed, M. H.** (2021). The impact of credit on the technical efficiency of food crop producing smallholder farmers in Ethiopia. *Agricultural Finance Review*, 82(5), 847-856.

Belay, G., Ketema, M., & **Ahmed, M. H.** (2020). Households' willingness to pay for soil conservation on communal lands: application of the contingent valuation method in north eastern Ethiopia. *Journal of Environmental Planning and Management*, 63(12): 2227-2245.

Ahmed, M. H., Geleta, K. M., Tazeze, A., Mesfin, H. M., & Tilahun, E. A. (2017). Cropping systems diversification, improved seed, manure and inorganic fertilizer adoption by maize producers of eastern Ethiopia. *Journal of Economic Structures*, 6.1 (2017): 1-16.

Ahmed, M. H., & Mesfin, H. M. (2017). The impact of agricultural cooperatives membership on the wellbeing of smallholder farmers: empirical evidence from eastern Ethiopia. *Agricultural and Food Economics*, 5.1 (2017): 6.

Ahmed, M. H., Geleta, K. M., Tazeze, A., & Andualem, E. (2017). The impact of improved maize varieties on farm productivity and wellbeing: Evidence from the east Hararghe zone of Ethiopia. *Development Studies Research*, 4(1), 9-21.

Ahmed, M. H., Melesse, K. A., & Terefe, A. T. (2015). Valuing soil conservation practices using contingent valuation technique: evidence from the Central Rift Valley of Ethiopia. *Review of Agricultural and Applied Economics*, 18(395-2016-24351), 40-50.

Ahmed, M. H. (2015). Adoption of multiple agricultural technologies in maize production of the Central Rift Valley of Ethiopia. *Studies in Agricultural Economics* 117: 162-168.

PAPERS
SUBMITTED TO
JOURNALS

University Expansion and Female Adolescents' Educational Attainment in Ethiopia. *Revise and Resubmit*

Gendered effects of climate shock, formal and informal financial institutions, and welfare in post-conflict Somalia. *Revise and Resubmit*

Rural roads, Child labor, and Schooling in Rural Ethiopia

Improved Livestock Production System and Welfare in Rural Ethiopia

WORK IN
PROGRESS

Rural Road, Climate Resilience, and Smallholder Livestock Production in Ethiopia

POLICY BRIEF

Gender Perspective in Building Resilience Through Financial Inclusion. *African Economic Research Consortium, October 2022 / No. IF-009.*

Impact of Irrigation on Farm Households Quality of Diet: Evidence from Ethiopia. *African Economic Research Consortium, January 2021 / No. TR005.*

CONFERENCES

University Expansion and Female Adolescents' Educational Attainment in Ethiopia. CSAE Conference, Oxford, 19 - 21 March 2023.

Within Growing Season Weather Variability and Adaptation in Agriculture: Evidence from cropping patterns of Ethiopia. The 96th Annual Conference of the Agricultural Economics Society, KU Leuven, Belgium, 4 – 6 April 2022.

Current and Past Climate Variability, and Malnutrition among Farming Households in Ethiopia. CSAE Conference, Oxford, 14 - 18 March 2022.

Within Growing Season Weather Variability and Adaptation in Agriculture: Evidence from cropping patterns of Ethiopia. 31st International Conference of Agricultural Economists, 17 - 31 August 2021

Current and Past Climate Variability, and Malnutrition among Farming Households in Ethiopia. 94st Annual Conference of the Agricultural Economics Society, 29-30 March 2021.

Current and Past Climate Variability, and Malnutrition among Farming Households in Ethiopia. The 3rd UNU-MERIT Internal Conference, 26-27 June 2019

Impact of Irrigation on Farm Households Diet Quality: Evidence from Ethiopia. Biannual Research Workshop on Agriculture and Food Policy Analysis for Nutrition Workshop, African Economics Research Consortium, 23- 27 November 2020.

Households' willingness to pay for soil conservation on communal lands: application of contingent valuation method in north-eastern Ethiopia. Paper accepted for presentation at the 2020 World Bank Conference on Land and Poverty, The World Bank - Washington DC, 16-20 March 2020.

Impact of small-scale irrigation on farm household nutrition: evidence from Ethiopia. Proposal accepted for presentation at Agriculture and Food Policy Analysis for Nutrition Workshop, African Economics Research Consortium, Port Louis, Mauritius, May 30-Jun 2, 2018.

SCHOLARSHIPS AND GRANTS	• IDRC via African Economic Research Consortium.	2021
	• UNU-MERIT, Maastricht University (PhD fellowship)	2018
	• Bill and Melinda Gates Foundation via African Economic Research Consortium.	2018
	• Haramaya University, Ethiopia.	2015, 2017
	• Ethiopian Institute of Agricultural Research.	2015
	• Government scholarship grant for graduate studies, Ministry of Education, Ethiopia	2011

REFEREEING

European Review of Agricultural Economics, Australian Journal of Agricultural and Resource Economics, Review of Development Economics, Applied Economics, Scientific Reports, Agricultural Finance Review, Annals of Public and Cooperative Economics, Experimental Agriculture, Journal of Environmental Planning and Management, African Development Review. 31st International Conference of Agricultural Economists.

PROFESSIONAL
MEMBERSHIPS

International Association of Agricultural Economics
Agricultural Economics Society
Ethiopian Economics Association
Ethiopian Statistical Association

CERTIFICATES
AND TRAINING

- Policy Brief Training Workshop by the African Economic Research Consortium.
- Applied Data Management and Analysis Using STATA by Haramaya University, Ethiopia.
- Computable General Equilibrium Modeling and Analysis Using GAMs by BERCEA project, Haramaya University, Ethiopia.
- Applied Regression Analysis by the Ohio State University(online).
- Engaging Citizens: A Game Changer for Development? by The World Bank (online).
- Electronic Library Resources Training Workshop on TEEAL and AGORA for Ethiopia by the Information Training and Outreach Centre for Africa (ITOCA), Cornell University's Mann Library and Haramaya University.
- Econometric Impact Evaluation Methods by IFPRI, International Initiative for Impact Evaluation, Ethiopian Development Institute.
- Proposal Writing Training Workshop by Haramaya University, College of Agriculture and Environmental Sciences.
- Training on Applied Econometrics Using STATA And E-VIEWS by the Ethiopian Economics Association and Haramaya University.

SKILLS

Language : Strong reading, writing and speaking competencies for English.

Computer and software : **Advanced:** SPSS, STATA, Excel, L^AT_EX

Intermediate: R, ArcGIS, GeoDA, Nlogit, LIMDEP

REFERENCES

Prof. Dr. Franziska Gassmann

Professor of Social Protection and Development at Maastricht University;
Professor Poverty and Social Protection at Bonn-Rhein-Sieg University of Applied Science.

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Dr. Stephan Dietrich

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