

CURRICULUM VITAE – EMERTA A. ARAGIE

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Education

- 2011 – 2014 Doctor of Philosophy (Ph.D.), [Business School, Oxford Brookes University](#), United Kingdom. Thesis title: Climate Change and Semi-subsistence Agricultural Households. Co-supervisors: Prof. Scott McDonald and Dr. Yoko Nagase. Examiners: Prof. Sharman Robinson and Prof. Harald Grethe
- 06 – 08/2010 Certificate of Participation on Preparatory Semester to PhD in Economics, [Centre for Economic Research and Graduate Economics-Economics Institute \(CERGI\)](#), Prague, Czech.
- 2006 – 2008 Master of Science (MSc) in Economics, [College of Business and Economics](#), Addis Ababa University, Ethiopia. Thesis title: Analysis of Growth, Poverty and Inequality in Sub-Saharan Africa. Thesis advisor: Dr. Zuzana Brixiova.
- 1999 – 2003 Bachelor of Arts in Economics (with thesis component), [College of Business and Economics](#), Addis Ababa University, Ethiopia.

Employment history

- 2020 – Research Fellow, [International Food Policy Research Institute \(IFPRI\)](#), Washington, D.C. Manager: Dr. Xinshen Diao and Dr. Paul Dorosh.
- 2018 – 2019 Associate Research Fellow, [International Food Policy Research Institute \(IFPRI\)](#), Washington, D.C. Manager: Dr. Xinshen Diao and Dr. Paul Dorosh.
- 2015 – 2018 Economist (Policy Modeler), [Monitoring and Analyzing Food and Agricultural Policies \(MAFAP\)](#) program, Food and Agriculture Organization (FAO), Rome, Italy. Supervisor: Dr. Jean Balié.
- 2011 – 2014 Graduate Assistant, [Business School, Oxford Brookes University](#), United Kingdom. Supervisor: Dr. Yoko Nagase.
- 2008 – 2011 Junior Research Fellow, Ethiopian Economic Policy Research Institute (EEPRI)/ [Ethiopian Economic Association](#) (EEA), Addis Ababa, Ethiopia. Supervisor: Dr. Assefa Admassie.
- 2008 – 2011 Researcher, [The Horn Economic and Social Policy Institute \(HESPI\)](#), Addis Ababa, Ethiopia. Supervisor: Dr. Ali Abdi.
- 2005 – 2008 Junior Researcher, Economic Research and Monetary Policy Directorate, [National Bank of Ethiopia](#), Addis Ababa, Ethiopia. Supervisor: Dr. Yohannes Ayalew.

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- 2004 – 2005 Graduate Assistant: Resource Management Faculty, [Defence University College](#), Debre Ziet and Addis Ababa Campuses, Ethiopia.
- 2005 – 2014 Other engagements include teaching at [Debre Markos](#) and [Admas](#) Universities, Ethiopia.

Publications

Peer reviewed journal articles

- Aragie, E. and Thurlow, J. 2022. [Modeling the recovery dynamics of Ethiopia cattle population](#). *Journal of Arid Environments*. 197: 104664.
- Aragie, E. 2022. [Efficiency and Resource Implications of Food Losses and Waste in sub-Saharan Africa](#). *Journal of Asian and African Studies*, <https://doi.org/10.1177/00219096211020490>
- Aragie, E., Taffesse, A.S. and Thurlow, J. 2021. [The Short-term Economywide Impacts of COVID-19 in Africa: Insights from Ethiopia](#). *African Development Review*, 33: S152-S164.
- Aragie, E., Balié, J. and Morales, C. 2020. Food price spikes: Is a cereal export ban the right response for Ethiopia? *Outlook on Agriculture*. <https://journals.sagepub.com/doi/abs/10.1177/0030727020915207>
- Aragie, E., and Balié, J. 2019. [Public spending on agricultural productivity and rural commercialisation: A comparison of impacts using an economy-wide approach](#). *Development Policy Review*. <https://onlinelibrary.wiley.com/doi/abs/10.1111/dpr.12455>
- Aragie, E., K. Pauw and V. Pernechele. 2018. [Achieving food security and industrial development in Malawi: Are export restrictions the solution?](#) *World Development*, 108(2018): 1-15.
- Aragie, E., J. Balié and C. Morales. 2018. Why Reducing Food Losses and Wastes in Sub-Saharan Africa also Makes Economic Sense? *Waste Management and Research*, 36(6): 483-494.
- Aragie, E. 2018. [Identifying opportunities for value chain development in the Kenyan coffee sector: a modelling approach](#). *Outlook on Agriculture*, 2018: 1-10.
- Aragie, E. 2014. [Household production, home consumption and market supply in peasant economies: The case of Ethiopia](#). *African Journal of Agricultural Economics and Rural Development*. 2(5).
- Abegaz, GA., Endeshaw, KA, Gebreweld, TM. and Aragie, E. 2011. [International migration, remittances and poverty alleviation in Ethiopia](#). *Ethiopian Journal of Development Research*, 33(2).
- Aragie, E. 2010. [Adopting Private Pension System in Ethiopia](#). *The African Symposium: An Online Journal of African Educational Research Network*, 10(1), ISSN TX 6-342-323.
- Aragie, E. 2010. Estimating the Demand Function for Electric Power in Ethiopia. *Journal of Ethiopian Society of Mechanical Engineers (ESME)*, VII(2).

Aragie, E. 2008. Efficiency Analysis of Microfinance Institutions in Ethiopia: A DEA Approach. *Ethiopian Journal of Business and Development*, Unity University, ISSN 1997-5988.

Aragie, E. 2008. Accelerating and Sustaining Growth in Sub-Saharan Africa. *Ethiopian Journal of Business and Development*, Unity University, 3(2), ISSN 1997-5988.

Chapters in books and other edited volumes

Aragie, E. 2009. Climate Change: Ethiopia's Lost Millions. 'New Path' Edition, [African Resource and Research Forum \(ARRF\)](#), 4(2), ISSN 1991-9549.

Aragie, E. 2009. Who is Afraid of Regional Integration? 'New Path' Edition. [African Resource and Research Forum \(ARRF\)](#), 4(3), ISSN 1991-9549.

Journal articles under review

Emerta Aragie, Xinshen Diao, David J. Spielman, and James Thurlow. The impact of economic recovery measures in Rwanda during the COVID-19 pandemic: An economywide analysis, *Agricultural Economics*

Emerta Aragie, Jean Balie, and Karl Pauw. Synergies and trade-offs between agricultural export promotion and food security: Evidence from African economies, *World Development*

Emerta A Aragie, James Thurlow, Seneshaw Beyene, and Ermias Legesse. The implications of alternative national development scenarios for the livestock system in Ethiopia, *Agrekon*

Conference proceedings

Aragie, E. 2012. [Inflation and Economic Growth: An Estimate of the Threshold Level of Inflation for Ethiopia](#). Proceedings of the Ninth International Conference on the Ethiopian Economy, Ethiopian Economic Association, Addis Ababa, Ethiopia.

Aragie, E. 2010. [Optimal Policy Mix in Ethiopia](#). Proceedings of the Seventh International Conference on the Ethiopian Economy, Ethiopian Economic Association, Addis Ababa, Ethiopia.

Selected working papers

Aragie, Emerta; Diao, Xinshen; Spielman, David J.; Thurlow, James; Mugabo, Serge; Rosenbach, Gracie; Benimana, Gilberthe. 2022. [Public investment prioritization for Rwanda's inclusive agricultural transformation: Evidence from rural investment and policy analysis modeling](#). Rwanda Strategy Support Program. Working Paper 03.

Aragie, Emerta; Diao, Xinshen; Spielman, David J.; Thurlow, James; Mugabo, Serge; Rosenbach, Gracie; Benimana, Gilberthe. 2022. [Synopsis: Public investment for Rwanda's inclusive](#)

- [agricultural transformation: A midterm assessment of the contribution of PSTA4](#). Rwanda Strategy Support Program. Policy Note 04.
- Aragie, E., Beyene, S., Legesse, E. and Thurlow, J. 2021. [Linked Economic and Animal Systems \(LEAS\) Model: Technical documentation](#). IFPRI Discussion Paper 02011.
- Aragie, E., Diao, X., Robinson, S., Rosenbach, G., Spielman, D.J., Thurlow, J. 2021. [Assessing the economywide impacts of COVID-19 on Rwanda's economy, agri-food system, and poverty: A social accounting matrix \(SAM\) multiplier approach](#). RSSP Working Paper 1. Washington, DC: International Food Policy Research Institute (IFPRI).
- Diao, X., Rosenbach, G., Spielman, D.J., and Aragie, E. 2021. Assessing the impacts of COVID-19 on household incomes and poverty in Rwanda: A microsimulation approach. Rwanda SSP Working Paper 2. Washington, DC: International Food Policy Research Institute (IFPRI). <https://doi.org/10.2499/p15738coll2.134450>
- Aragie, E., Balié, J. and Magrini, E. 2019. [Does productivity level influence the economic impacts of price support policies in Ethiopia?](#) Diskussionsbeitrag, No. 1908, Georg-August-Universität Göttingen, Department für Agrarökonomie und Rurale Entwicklung (DARE), Göttingen.
- Aragie, E., Artavia, M. and Pauw, K. 2019. [Strategic public spending: Scenarios and lessons for Ghana](#). International Food Policy Research Institute, IFPRI Discussion Paper 01852.
- Aragie, E., Artavia, M. and Pauw, K. 2019. [Public agricultural spending and growth in Ghana: Spending more, smarter](#). Ghana Strategy Support Program. Policy Note 15.
- Aragie, E., Angelucci, F., Demanet, C. 2018. Support for the Formulation of the Second National Sector Program Rural (PNSR 2) of Burkina Faso. Monitoring and Analyzing Food and Agricultural Policies (MAFAP). <http://www.fao.org/3/I8504FR/i8504fr.pdf>
- Aragie, E., H. Dudu, E. Ferrari, A. Mainar, S. McDonald and K. Thierfelder. 2017. [STAGE DEV A variant of the STAGE model to analyze developing countries](#). Joint Research Center, European Union.
- Aragie, E., J. Balié, E. Magrini and C. Morales. 2016. [Can a Cereal Export Ban Affect a Net Food-Importing Economy? The Case of Ethiopia](#). SSRN papers.
- Aragie, E. 2013. [Climate Variability, Growth and Poverty in Ethiopia](#). Climate Change and African Political Stability, Robert S. Strauss Center for International Security and Law, University of Texas at Austin. Working Paper No. 3/2013.
- Brixiova, Z. and Aragie, E. 2010. [Unlocking Productive Entrepreneurship in Ethiopia: Which Incentives Matter?](#) Working Papers Series No. 116, African Development Bank, Tunis.
- Aragie, E. 2009. [The Empirics of Growth, Poverty and Inequality in Sub-Saharan Africa](#). Ethiopian Economic Policy Research Institute/Ethiopian Economic Association, Working No 1/2009.

Selected conference papers

- [Semi-subsistence Farm Households and Their Implications for Policy Response](#). With McDonald, S., Paper prepared for the 17th Annual Conference on Global Economic Analysis, June 18-20, 2014, Dakar, Senegal

[Semi-Subsistence Households: Accounting for Home Production for Home Consumption.](#) With McDonald, S., Paper prepared for the CSAE Conference 2014: Economic Development in Africa, 23rd–25th March 2014, St Catherine's College, Oxford University.

[Food Price Shocks and their Impacts on Ethiopia: Policy Options to Lessen the Impacts on the Poor.](#) With Abdella, A. and McDonald, S., Paper presented at the 16th GTAP Conference at Shanghai, China.

Ready for publication or works in progress

Assessing Investment Priorities for Driving Inclusive Agricultural Transformation in Tanzania
(ready for publication)

Assessing the economywide effects of reducing food loss and waste in developing countries
(ready for publication)

Modeling the economywide effects of water and energy interventions in the face of climate change
(work in progress)

Relative Effectiveness of Food Production and Consumption Support in Improving Household Diets among Rwanda's Poor
(work on progress)

Technical skills and competencies

Experience on various economic modeling softwares including GAMS, Stata, SPSS, EViews and PcGive.
