

Andinet Woldemichael

Development Research Department (ECMR)

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Areas of Specialization

Development Economics • Applied Econometrics • Health Economics • Labor Economics

Skills and Competencies

Bayesian Econometrics • Impact Evaluation • Programming in Matlab, Stata, R • Household surveys & "Big data" • Experimental Economics • Certified with GIS and Spatial data analysis

Education

2013	PhD in Economics, Andrew Young School of Policy Studies, Georgia State University, USA
2006	MSc in Economics, Addis Ababa University, Ethiopia
2003	BA in Economics, Addis Ababa University, Ethiopia

Work Experience

2018-Present	Principal Research Economist , African Development Bank, Abidjan, Cote d'Ivoire
2016-2018	Senior Research Economist , African Development Bank, Abidjan, Cote d'Ivoire
2014-2015	Research Consultant , African Development Bank, Abidjan, Cote d'Ivoire
2013-2014	Postdoctoral Research Fellow , University of Maryland Baltimore, Maryland, USA
2008-2013	Graduate Research and Teaching Assistant , Georgia State University, Atlanta, Georgia, USA
2006-2008	Assistant Researcher , Ethiopian Policy Research Institute, Addis Ababa, Ethiopia
2006-2008	Lecturer (Part-time) , Addis Ababa University, Addis Ababa, Ethiopia
2005-2006	Graduate Fellow , African Economic Research Consortium (AERC), Addis Ababa University, Addis Ababa, Ethiopia

Project Management

- Structural Transformation of African Agricultural and Rural Spaces (STAARS) Project with Cornell University. (2016-2020)
- Jobs in Africa: Improving Quality of Lives. (2017-2019)

Publications

JOURNAL PUBLICATIONS

- 2020 Kidane, D. and **Woldemichael, A.** (2020). Does Inflation Kill? Exposure to Food Inflation and Child Mortality. **Food Policy**, 101838.
- 2017 **Woldemichael, A.** and Gurmu, S. (2018). An Empirical Analysis of Health Shocks and Informal Risk Sharing Networks. **African Development Review**, 30(1), 100-111.
- 2016 **Woldemichael, A.**, Onukwugha, E., Seal, B., Hanna, N., and Mullins, C. D. (2016). Sequential Therapies and the Cost-Effectiveness of Treating Metastatic Colon Cancer Patients. **Journal of Managed care Specialty Pharmacy**, 22(6), 628-639.
- 2009 Admassie, A., Abebaw, D., and **Woldemichael, A.** (2009). Impact Evaluation of the Ethiopian Health Services Extension Programme. **Journal of Development Effectiveness**, 1(4), 430-449.

JOURNAL SUBMISSIONS

- 2020 **Woldemichael, A.**, Kidane, D., and Shimeles, A.. Food Price Inflation and Child Health: Evidence from Ethiopia. **Revise and Resubmit, World Bank Economic Review**.
- 2020 Morsy, H., Elshal, A., and **Woldemichael, A.** Perceived Glass Ceiling? Women Self-Selection Out of Credit Market in Africa. **Under Review**.

BOOKS/REPORTS AND CHAPTERS

- 2019 Monga, C., Shimeles, A., and **Woldemichael, A.** (2019). Creating Decent Jobs: Strategies, Policies, and Instruments. **African Development Bank**, Policy Research Document II.
- 2019 **Woldemichael, A.** and Shimeles, A. (2019). Human capital, productivity, and structural transformation. **African Development Bank**, Policy Research Document II, 2019.
- 2019 **Woldemichael, A.**, Joldowski, M., and Shimeles, A. (2019) Labor Market Flexibility and Jobs in Selected African Countries. **African Development Bank**, Policy Research Document II, 2019.
- 2019 **Woldemichael, A.** and Joldowski, M. (2019). The cost of inaction: obstacles and lost jobs in Africa. **African Development Bank**, Policy Research Document II, 2019.
- 2019 **Woldemichael, A.** (2019). The "Missing Women" in African Labor Markets. **African Development**

Bank, Policy Research Document II.

WORKING PAPERS

- 2020 **Woldemichael, A.** (2020). The Impacts of Community-Based Health Insurance on Poverty Reduction. **African Development Bank**, Working Paper Series. forthcoming
- 2019 Morsy, H., ElShal, A., and **Woldemichael, A.** (2019). Women Self-Selection Out of Credit Market in Africa. **African Development Bank**, Working Paper Series No. 317.
- 2017 **Woldemichael, A.**, D. Kidane and A. Shimeles (2017). A Tax on Children? Food Price Inflation and Health. **African Development Bank**, Working Paper Series, No. 276.
- 2016 **Woldemichael, A.**, Gurara, D., and Shimeles, A.(2016). Community-Based Health Insurance and Out-of-Pocket Healthcare Spending in Africa: Evidence from Rwanda. **IZA Discussion Paper**, No. 9922.
- 2015 **Woldemichael, A.** and Shimeles, A. (2015). Measuring the Impact of Micro-Health Insurance on Healthcare Utilization: A Bayesian Potential Outcomes Approach. **African Development Bank**, Working Paper Series, No.225.
- 2014 **Woldemichael, A.**, Admassie, A., and Abebaw, D. (2014). Evaluating Endogenous Program Interventions with Heterogeneous Treatment Intensity using Bayesian Potential Outcomes Approach. **Social Science Research Network**.
- 2013 Shimeles, A. and **Woldemichael, A.** (2013). Rising food prices and household welfare in Ethiopia: Evidence from micro data. **African Development Bank**, Working Paper Series, No. 980.
- 2007 **Woldemichael, A.** (2007). Informal Risk Sharing Strategies and Poverty Dynamics in Rural Ethiopia: Longitudinal Analysis. **Ethiopian Economic Association**, Working Paper Series, No. 01.
- 2007 **Woldemichael, A.** (2007). Intra-Household Gender bias in Children's Educational Investment among Rural Households in Ethiopia: Panel Evidence. **Ethiopian Economic Association**, Working Paper Series, No. 02.
- 2007 **Woldemichael, A.** (2007). Informal Risk Sharing Strategies and Poverty Dynamics in Rural Ethiopia: Longitudinal Analysis. **Ethiopian Economic Association**, Working Paper Series, No. 01.
- 2007 **Woldemichael, A.**, Abebaw, D., and Admassie, A. (2007). Determinants of Child Schooling Progress in Rural Ethiopia. **Ethiopian Economic Association**, Working Paper, No. 03.

ECONOMIC BRIEFS AND OPINION PIECES

- 2019 **Woldemichael, A.** (2019). Closing the gender gap in African labor markets is good economics. **Brookings Institutions**, Africa Growth Initiative, Washington, DC.
- 2019 Lectard, P. and **Woldemichael, A.** (2019). Dubai's Economic Transformation: Lessons for Some African Countries. **African Development Bank**, Policy Brief - How they did it Vol. 2 Issue 2.
- 2017 **Woldemichael, A.**, Mukasa, A., Salami, A., Simpasa, A., and Shimeles, A. (2017). Transforming Africa's Agriculture Through Agro-Industrialization. **African Development Bank**, Economic Brief,

8(7), 2017

- 2017 A. Mukasa, **Woldemichael, A.**, A. Salami, and A. Simpasa (2017). Africa's Agricultural Transformation: Identifying Priority Areas and Overcoming Challenges. **African Development Bank**, Economic Brief, 8(3).

CONTRIBUTIONS TO FLAGSHIP REPORTS

- 2020 African Economic Outlook 2020: Developing Africa's Workforce for the Future. **African Development Bank**.
- 2019 Creating Decent Jobs: Strategies, Policies and Instruments. Policy Research Document II. **African Development Bank**.
- 2019 African Economic Outlook 2019: Jobs, Growth, and Firm Dynamism. **African Development Bank**.
- 2018 African Economic Outlook 2018: Infrastructure and its Financing. **African Development Bank**.
- 2017 African Economic Outlook 2017: Entrepreneurship and Industrialization. **African Development Bank**.
- 2015 Africa Development Report 2015: Growth, Poverty and Inequality Nexus: Overcoming Barriers to Sustainable Development. **African Development Bank**.
- 2008 Food Price Inflation and the Urban Poor in Ethiopia. A chapter in the Annual Report on the Ethiopian Economy, **Ethiopian Economic Association**, 2008.
- 2007 Gender and Development in Ethiopia. Chapter in the Annual Report on the Ethiopian Economy, **Ethiopian Economic Association**, 2007, Addis Ababa, Ethiopia

CONFERENCE PRESENTATIONS

- 2019 Sustainability and Development Conference, October 11-14, 2019, The University of Michigan, Ann Arbor
- 2017 IZA GLM/LIC Conference on Labour Markets in Western Africa: Evidence and Policy Lesson, November 2017, Abidjan, Cote d'Ivoire
- 2017 International Economic Association (IEA) 18th World Congress, June 2017, Santa Fe, Mexico City
- 2015 Allied Social Sciences Association Annual Meetings, January 2015, San Francisco, CA
- 2014 Southern Economic Association 84th Annual Conference, November 2014, Atlanta, GA
- 2014 Gastrointestinal Cancers Symposium, January 2014, San Francisco, CA
- 2012 Southern Economic Association 82nd Annual Conference, November 2012, New Orleans, LA
- 2012 Workshop on Biostatistics and Bioinformatics, Department of Mathematics and Statistics, Georgia State University, May 2012, Atlanta, GA
- 2011 Southern Economic Association 81st Annual Conference, November 2011, Washington, DC

Honors and awards

- Dissertation Grant, Center for Economic Analysis of Risk (CEAR), Georgia State University, 2012
- M.Sc. Thesis Award, African Economic Research Consortium (AERC), Nairobi, Kenya, 2006
- M.Sc. Thesis Award, Eshetu Chole Memorial Award, Ethiopian Economic Association and the Department of Economics, Addis Ababa University, Addis Ababa, Ethiopia, 2006

Service to the profession

- Journal referee - World Bank Economic Review, World Development, African Development Review, Journal of International Development, Value in Health, Medical Care

Computer skills

- Programming languages: expert in MATLAB, good in Python, and R
- Statistical software packages and suites: expert in STATA, good in SAS and Eviews.
- Certificates: Applied Spatial Statistics with R (from KU Leuven)
- Other: \LaTeX , zTree, SQL database

Professional Association

- American Economic Association • Africa Finance and Economic Association (AFEA) • Southern Economic Association • Ethiopian Economic Association