

Mengistu A. Wassie (PhD)

Addis Ababa, Ethiopia

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Education

Ph.D.

2021–2025

Center for Development Research (ZEF), University of Bonn, Germany

Thesis: Economic Integration and Development in Africa: A Multifaceted Examination of Trade, Infrastructure, and Resilience

Supervisor: Prof. Dr. (em) Joachim von Braun

Second Supervisor: Dr. Lukas Kornher

M.Sc. in Economic Policy Analysis

2018–2020

Addis Ababa University, Ethiopia

B.A. in Economics

2014–2017

Addis Ababa University, Ethiopia

Professional Experience

1. Postdoctoral Research Fellow & National Expert

July 2025–now

Economic Policy Network (EPN), Center for the Study of African Economies (CSAE), University of Oxford
African Economic Research Consortium (AERC) and Ministry of finance, Ethiopia

2. Junior Researcher

October 2021– June 2025

Center for Development Research (ZEF), University of Bonn, Germany

- Conducted quantitative research on African economic integration using econometrics and CGE modeling.
- Developed recursive dynamic CGE model based on standard IFPRI model for Ethiopia to assess climate change and trade liberalization.
- Co-authored working papers and short articles.

3. Lecturer

2020–2021

Haramaya University, Ethiopia

- Taught undergraduate courses: Development Economics, Microeconomics, International Trade etc.
- Supervised 15+ student thesis projects. Support and review in econometrics and data analysis.

Research Focus Areas

- Macroeconomic policies such as Fiscal policy, Monetary policy, trade, and structural transformation: African economic integration, trade policy, and climate resilience
- CGE model policy simulation of developing economies
- Impact of climate change on agricultural productivity and trade
- Renewable energy transitions in African economies

Technical Expertise

Economic Modeling: GAMS (CGE), GTAP, Demetra

Statistical Analysis: Stata, GAMS, R, SPSS, Python

Data Management: Advanced visualization, Dashboard development

Publications

1. **Wassie, Mengistu Alamneh** (2025). Economic Integration and Development in Africa : A Multifaceted Examination of Trade, Infrastructure, and Resilience. Dissertation, **Rheinische Friedrich-Wilhelms-Universität Bonn**.
2. **Wassie, Mengistu Alamneh**, Boysen, O., Kiiza, A., & Kornher, L. (2025, October). Will Intra-African Trade Reach a New Level? Opportunities, challenges, and pathways forward for the African Continental Free Trade Agreement and its effects on food security. **Welthungerhilfe Global Food Journal**.
3. **Wassie, Mengistu Alamneh**, Kornher, L., & von Braun, J. (2025). Trade thrive in Ethiopia: Navigating climate change impact – A recursive dynamic CGE analysis. **GTAP conference proceedings**.
4. **Wassie, Mengistu Alamneh**, Kornher, L., & Zaki, C. (2025). Revisiting the impact of trade facilitation measures in Africa: A structural gravity approach. **The Journal of International Trade & Economic Development**, **34(7)**, 1604–1634.
5. Navichoc, D., **Wassie, Mengistu**. A., Batistic, M. P., & Kilian, B. (2024). *Voluntary Sustainability Standards and Technical Efficiency of Honduran Coffee Producers*. **World Development Perspectives**, **36(100637)**.
6. Kornher, L., **Wassie, Mengistu Alamneh**, & von Braun, J. (2023). *The African Continental Free Trade Area: Can the Milestone Live Up to Its Promise?* **Rural 21, The International Journal of Rural Development**.
7. **Wassie, Mengistu Alamneh**, Kornher, L., & von Braun, J. (2022). *African Continental Free Trade Agreement: A Review of Likely Impacts and Challenges of Implementation*. **ZEF Working Paper 217, Bonn, Germany**.
8. Berha, A. N., Mogess, Y. K., & **Wassie, Mengistu** (2021). Revisiting nutrition–labor productivity link: New empirical evidence from farm households in Ethiopia. **Agriculture & Food Security**, **10**, 61.

Professional Trainings

- **IMF Macro-fiscal framework: Comprehensive Adaptive Expectation Model (CAEM)** July 2025 - February 2026
IMF training in a capacity building of economic management staffs (Addis Ababa, Ethiopia)
- **Overlapping generation Model (OG-ETH)** October 2025 and January 2026
UN Department of Economic and Social Affairs (UN DESA) in a capacity building of economic management staff in Ethiopia

- **Machine Learning using Python** August 2025
African Economic and Research Consortium (AERC)
- **Demetra and GTAP modeling** June 2025
EU JRC at the GTAP 28th pre-conference workshop in Kigali Rwanda
- **CGE Modeling** 2023/24
UN FAO, Rome, Italy (a one week one to one training); IFPRI, Addis Ababa and University of Bonn

Current Research

- *Trade Thrive in Ethiopia: Navigating Climate Change Impact — A Recursive Dynamic CGE Analysis* (with Kornher & von Braun)
- *Dynamic Effects of Climate-Induced Agricultural Shocks on Ethiopia's Economy* (with Kornher & von Braun)

Conference Presentations

- AERC Annual Conference**, Nairobi, Kenya 2025
Experience Sharing from an Embedded support program at the Ministry of Finance, Ethiopia
- 28th GTAP Annual Conference**, Kigali, Rwanda 2025
Trade Thrive in Ethiopia: Navigating Climate Change Impact
- ICAE Conference**, New Delhi 2024
Trade Facilitation in Africa: Structural Gravity Approach
- The Scottish Economic Society Annual Conference**, Glasgow 2024
Trade Facilitation in Africa: Structural Gravity Approach

Grants & Awards

- PANAP Conference participation grant at the 28th GTAP Annual conference (2025)
- Doctoral Study Scholarship (Volatility Project), 2021–2024
- HEED Africa Exchange Program, University of Kampala, 2019–2020
- Ethiopian Ministry of Education Scholarship, 2018–2020

References

1. Prof. Joachim von Braun | University of Bonn | jvonta@uni-bonn.de | +49 228 73-1800
2. Dr. Lukas Kornher | German Institute of Development and Sustainability (IDOS) | Lukas.Kornher@idos-research.org
3. Prof. Assefa Admassie | Addis Ababa University | aadmassie@yahoo.com