

# Mengistu A. Wassie (PhD)

Addis Ababa, Ethiopia

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## Education

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**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

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**M.Sc. in Economic Policy Analysis** 2018–2020

Addis Ababa University, Ethiopia

**B.A. in Economics** 2014–2017

Addis Ababa University, Ethiopia

## Professional Experience

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**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

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- 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

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**Economic Modeling:** GAMS (CGE), GTAP, Demetra

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

**Data Management:** Advanced visualization, Dashboard development

## Publications

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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

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- **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

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- *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

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- 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

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- 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

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