Curriculum Vitae

Misgan Desale Nigusie

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Personal Information

Address:	Bahir Dar, Ethiopia
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Nationality:	Ethiopian
Date of Birth:	6 March 1990
GitHub:	https://misgand.github.io/

Professional Profile

Economics lecturer and researcher with advanced training in econometric modeling and policy analysis. Contributing author to peer-reviewed methodological advancements in stochastic frontier analysis. Strengths include:
- **Methodological Research**: Developing computational tools for productivity analysis, with published work in international economics journals.
- **Interdisciplinary Training**: Three advanced degrees integrating economics, governance, and environmental policy.
- **Teaching Focus**: Undergraduate economics courses: Econometrics, Statistics, Microeconomics, etc.

Education

M.Sc. Economics (Econometrics)
Lund University, Sweden
- Coursework: 2014 | Thesis Completion: 2020

M.Sc. Economics (Natural Resource & Environmental Economics)
Addis Ababa University, Ethiopia   2020–2022

M.A. Governance and Regional Integration
Pan African University, Cameroon   2019–2021

B.Sc. Economics
Aksum University, Ethiopia   2009–2012

Technical Skills

Programming & Tools
- **Languages:** R, STATA, MATLAB, Julia, Python
- **Research Workflow:** Version control (Git/GitHub), literate programming (Quarto/LaTeX)
- **Active Development:** Open-source code repositories for stochastic frontier models

Professional Experience

Lecturer, Department of Economics
Bahir Dar University, Ethiopia   2022–Present
- Teaching undergraduate courses: econometrics, statistics, and other economics courses.

Junior Monitoring & Evaluation Officer
Ethiopian Construction Works Corporation   2021
- My responsibilities include design and implementation of monitoring and evaluation instruments and the preparation of monthly, quarterly, and annual plans and reports.

Graduate Assistant
Woldia University, Ethiopia   2018–2019
- Teaching Econometrics and Labour Economics.

Graduate Assistant
Haramaya University, Ethiopia   2012–2014
- Teaching Linear Algebra For Economists, Microeconomics, and other undergraduate courses.

Research Contributions

Peer-Reviewed Publications
- **Nigusie, M.D.** (2024). Normal-beta exponential stochastic frontier model: Maximum simulated likelihood approach. *Portuguese Economic Journal*, 23(3), 489–504. DOI
- **Nigusie, M.D.** (2023). A Normal-Weighted Exponential Stochastic Frontier Model. *The Ethiopian Journal of Business and Economics*, 13(1), 58–81. [Code: https://misgand.github.io/WESFM.rar]

Languages

Amharic (Native)   English (Professional Proficiency)   French (Basic Reading)