

MULUBRHAN AMARE

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International Food Policy Research Institute (IFPRI)

Associate Research Fellow • Development and Agricultural Economist

Highly-accomplished, results-oriented development and agricultural economist. Extensive international experience in impact evaluation, rural institutions and agricultural transformation, as well as poverty and quantitative data analysis. Research themes have focused on: land and labor productivity; child undernutrition and poverty traps; agricultural production and intensification; institutions, factor market imperfections and trade; livelihood diversification; and migration and development.

CORE COMPETENCIES / SELECTED ACCOMPLISHMENTS

Technical Expertise in Product Design/Development • Continuous Process Improvement • Large-Scale Strategic Global Program Management • New Business Development • System Architecture/ Integration • Strategic Planning • Team Building/Mentoring • Analytical Problem Solving/Decision Making • Collaborative Relationship-Building • Impact evaluation • Project / Program evaluation • survey methods • household survey design • large survey implementation • extensive analysis of large longitudinal datasets • database management

PROFESSIONAL EXPERIENCE

Associate Research Fellow

Dec. 2016 – Present

International Food Policy Research Institute (IFPRI)

Washington, DC, USA

Advanced research and study of urbanization, local economic growth, child nutritional outcome and public health as well as on linkages between climate change, agricultural productivity and household welfare.

Key highlights:

- Quantitative modeling determinants of child undernutrition
- Urbanization, local economic growth, child nutritional outcome and public health.
- Policy-relevant and economics-relevant analysis of determinants of malnutrition in Nigeria.
- Analysis of farmers' land use decisions in response to climate-related risks.
- Identifying linkages of climate change, agricultural productivity and household welfare.

Post-doctoral Researcher

Jan. 2015 – Nov. 2015

Partnership for Economic Policy (PEP)

Nairobi, Kenya

Productive Employment in the Segmented Markets of Fresh Produce (PRESM) project

Key highlights:

- Generated knowledge about the patterns of fresh produce supply chains and institutional innovations.
- Coordinated interventions that improve value chain of the fresh produce in close cooperation with stakeholders. Supervised baseline and end line household and farmer group surveys
- Addressing and analyzing the impact of interventions
- *Structural Transformation of African Agriculture and Rural Spaces (STAARS) research projects*
- Key highlights:
 - Cleaned and analyzed the *Living Standards Measurement Study - Integrated Surveys on Agriculture (LSMS-ISA)*, nationally representative panel survey data from different sub-Saharan Africa countries.
 - Analyzed the non-farm employment, agricultural intensification and productivity change linkages in Uganda.
 - Investigated the weather shocks, agricultural productivity and rural household welfare distribution in sub-Saharan Africa linkages.
 - Examined the Linkage between climate change, agricultural productivity and household Welfare.

Research Associate Feb. 2011 – Jan. 2015
Institute of Development and Agricultural Economics *Leibniz Universität Hannover, Germany*
German Research Foundation (DFG) research group 756 project: "Impact of Shocks on Vulnerability to Poverty in Thailand and Vietnam: Consequences for Development" (www.vulnerability-asia.uni-hannover.de)

Project title *"Essays on Shocks, Migration and Welfare Dynamics in South-East Asia"* (This project was part of the larger DFG research group)

Key highlights:

- Examined impacts of shocks, geographic location, access to public services, and infrastructure on welfare dynamics.
- Thoroughly investigated the causes of poverty and poverty traps.
- Assessed the adaptation strategies to climate variability and other sources of shocks.
- Measured the success of migrants in urban areas and its implication on rural household welfare left behind.
- Analyzed the role of migration and remittances on poverty transitions.
- *European Aid Funded Project: Food Security Thematic Program (FSTP) Component 1 Research & Technology.*

Key highlights:

- Coordinated and led baseline studies in Ethiopia; used in the "Trypanosome Rational Chemotherapy (TRYRAC)" intervention evaluation.
- Collected and updated information and maintained databases.
- Taught graduate level courses: Horticulture Economics and Impact Evaluation. Mentored and supervised graduate students.

Collaborating Research Fellow Sept. 2009- July 2010
International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) *Nairobi, Kenya*

- Assessed drivers of improved farm technology adoption.
- Analyzed impact of improved farm technology adoption on market participation and commercialization.
- Evaluated welfare impact of farm technology and market participation.

Lecturer April 2006- Sept. 2008
Mekelle University, Dept. of Natural Resources Economics and Management *Mekelle, Ethiopia*

- Taught undergraduate level courses: Econometrics and Agricultural Economics and Development Economics.
- Supervised undergraduate thesis research.
- Involved in Norwegian Agency for Development Cooperation III (NORAD) research project.
- Identified the determinants of improved legume seed varieties market participation and commercialization.
- Evaluated the impact of stallholder farmers improved legume seed varieties market participation and commercialization on poverty reduction.

EDUCATION

PhD Economics with a focus on development and agricultural economics 2011-2015
Institute of Development and Agricultural Economics, Leibniz Universität Hannover *Hannover, Germany*
Dissertation: Shocks, Migration and Welfare Dynamics in South-East Asia (Honor: Magna cum Laude)

M.A. Development Evaluation and Management 2008-2009
University of Antwerp (VLIR-UOS Scholarship: 2008-2009) *Antwerp, Belgium*
Dissertation: Food Aid Impact on Poverty Reduction: Empirical Evidence from Rural Households in Ethiopia
 (Prize for Outstanding Dissertation for Development Cooperation)

M.Sc. Economics: Economics Policy Analysis 2004-2006
Addis Ababa University *Addis Ababa, Ethiopia*
Thesis: An Econometric Analysis of Macroeconomic Determinants of Private Investment in Ethiopia.

B.A. Economics
Mekelle University

1998-2002
 Mekelle, Ethiopia

SPECIALIZED SKILLS/TRAINING

COMPUTER SKILLS: STATA programming, R, SPSS, MS Office (Excel, Word, Power Point, Access), database management with Access and SQL Database Management Studio (working knowledge)

LANGUAGE: Amaharic (Fluent) English (Fluent)

SELECTED AWARDS AND GRANTS

- Fellowship Award for the impact of agricultural productivity on rural household welfare in sub-Saharan Africa: Structural Transformation of African Agriculture and Rural Spaces: (STAARS) & Cornell University (May-Dec. 2016)
- International Foundation for Science (IFS) Researcher Grant; Project title: *Production Risk, Market Participation and Rural Poverty in Rural Northern Ethiopia* (2011-2012)
- VLIR-UOS South-South Fellow Award: The International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Nairobi, Kenya. (2009-2010)
- Poverty Reduction Strategy Trust Fund (PRSTF), World Bank and United Nations Grant; Project title: *Shocks and Coping Strategies in Rural Household of Ethiopia: Longitudinal Analysis*. (2008-2009)
- Prize for Outstanding Dissertation for Development Cooperation: Executive board of the Provincial Council of Antwerp, Belgium. (2009)

SELECTED PAPERS AND PROCEEDINGS

Journal Articles

1. Olusegun Fadare, **Mulubrhan Amare**, George Mavrotas, Dare Akerele, and Adebayo Oggunniyi (2019): "Mother's Nutrition-related Knowledge and Child Nutrition Outcomes: Empirical Evidence from Nigeria." (**Accepted: PLOS ONE**).
2. **Mulubrhan Amare**, Channing Arndt, Kibrom A. Abay and Todd Benson (2018): "Urbanization and Child Nutritional Outcomes." **In press World Bank Economic Review**.
3. **Mulubrhan Amare**, Jennifer Denno Cissé, Bekele Shiferaw and Nathaniel D. Jensen (2018): "Rainfall shocks and agricultural productivity: Implication for rural household consumption." **Agricultural Systems** 166: 79–89
4. Kibrom Abay and **Mulubrhan Amare** (2018): "Night Light Intensity and Women's Body Weight: Evidence from Nigeria" **Economics and Human Biology** 31:238-248
5. **Mulubrhan Amare**, Todd Benson, Olusegun Fadare, and Motunrayo Oyeyemi (2018): "Study of the determinants of chronic malnutrition in northern Nigeria: Quantitative evidence from the Nigeria Demographic and Health Surveys." **Food and Nutrition Bulletin** 39(2) 296-314
6. Alirah Emmanuel Weyori, **Mulubrhan Amare**, Hildegard Garming, and Hermann Waibel (2018): "Agricultural innovation systems and farm technology adoption: Findings from a study of the Ghanaian plantain sector." **The Journal of Agricultural Education and Extension** 24(1): 65-87.
7. **Mulubrhan Amare** and Bekele Shiferaw (2017): "Nonfarm employment, agricultural intensification, and productivity change: Empirical findings from Uganda." **Agricultural Economics** 48(S1): 59-72.
8. **Mulubrhan Amare** and Lena Hohfeld (2016): "Poverty Transitions in Rural Vietnam: The Role of Migration and Remittances." **Journal of Development Studies** 10(52): 1463-1478.
9. **Mulubrhan Amare** and Solomon Asfaw (2012): "Food Aid Impact of Poverty Reduction in Ethiopia." **Journal of Development Effectiveness**, 4(2) : 235-256.
10. **Mulubrhan Amare**, Solomon Asfaw and Bekele Shiferaw (2012): "Welfare Impacts of Maize-Pigeonpea Intensification in Tanzania." **Agricultural Economics** 43: 27-47.
11. **Mulubrhan Amare**, Lena Hohfeld, Somchai Jitsuchon, and Hermann Waibel (2012): "Rural–Urban Migration and Employment Quality: A Case Study from Thailand." **Asian Development Review**, 29(1):57-79.

Working Papers

1. Priyanka Priyanka Parvathi, **Mulubrhan Amare**, Trung Thanh Nguyen and Christopher B. Barrett (2019): "Signaling Change: Micro Insights on the Pathways to Agricultural Transformation." **IFPRI Discussion Paper 01803**, Washington, D.C
2. **Mulubrhan Amare**; George Mavrotas, Hyacinth Edeh (2018): "Farmers' crop choice decisions: Trends and determinants in Nigeria and Uganda." **IFPRI Discussion Paper 01716**, Washington, D.C
3. Hiroyuki Takeshima, **Mulubrhan Amare**, George Mavrotas (2018): "The role of agricultural productivity in non-farm activities in Nigeria: Effects on sector orientation and factor intensity." **IFPRI Discussion Paper 01761**, Washington, D.C
4. Hosaena Ghebru, **Mulubrhan Amare**, George Mavrotas, Adebayo Ogunniyi (2018): "Role of land access in youth migration and youth employment decisions: Empirical evidence from rural Nigeria." **NSSP Working Paper 58. Washington, D.C.:** International Food Policy Research Institute (IFPRI).
5. **Mulubrhan Amare**, Channing Arndt, Kibrom A. Abay, and Todd Benson (2017): "Urbanization and Child Nutritional Outcomes." **NSSP Working Paper 49.** Washington, D.C.: International Food Policy Research Institute (IFPRI).
6. **Mulubrhan Amare**, Todd Benson, Olusegun Fadare, and Motunrayo Oyeyemi (2017): "Study of the determinants of chronic malnutrition in northern Nigeria: Quantitative evidence from the Nigeria Demographic and Health Surveys." **IFPRI-NSSP Working Paper 45.** Washington, D.C.
7. Todd Benson, **Mulubrhan Amare**, Olusegun Fadare, and Motunrayo Oyeyemi (2017): "Study of the determinants of chronic malnutrition in northern Nigeria: Qualitative evidence from Kebbi and Bauchi states." **IFPRI-NSSP Working Paper 44.** Washington, D.C.
8. Todd Benson, **Mulubrhan Amare**, Motunrayo Oyeyemi, and Olusegun Fadare (2017): "Synopsis: Study of the determinants of chronic malnutrition in northern Nigeria: Qualitative evidence from Kebbi and Bauchi states." **IFPRI-NSSP Policy Note 43.** Washington, D.C.
9. **Mulubrhan Amare**, Todd Benson, Motunrayo Oyeyemi, and Olusegun Fadare (2017): "Synopsis: Study of the determinants of chronic malnutrition in northern Nigeria: Quantitative evidence from the Nigeria Demographic and Health Surveys." **IFPRI-NSSP Policy Note 44.** Washington, D.C.
10. Solomon Asfaw, Nancy McCarthy, Adriana Paolantonio, Romina Cavatassi, **Mulubrhan Amare** and Leslie Lipper (2015): "Livelihood diversification and vulnerability to poverty in rural Malawi" **FAO ESA Working Paper No. 15-02.**
11. **Mulubrhan Amare** and Hermann Waibel (2014): "Climate Variability, Shocks and Non-Farm Employment: Evidence from Rural Households in Northeast Thailand" German Association of Agricultural Economists (GEWISOLA) **Discussion Papers.**
12. **Mulubrhan Amare** and German Calfat (2010): "Food Aid Impact on Poverty Reduction: Empirical Evidence from Rural Households in Ethiopia." University of Antwerp, **Discussion Paper No 5.** Antwerp, Belgium.

SELECTED WORKS SUBMITTED TO JOURNALS

1. **Mulubrhan Amare**, Bekele Shiferaw, Remco Oostendorp and Menno Pradhan (2018): "The Impact of Smallholder Farmers' Participation in Avocado Export Market on Labor Market, Farm Yield and Income in Kenya." **(Minor Revision).**
2. **Mulubrhan Amare**, Bekele Shiferaw, George Mavrotas and Hiroyuki Takeshima (2018): "Linkages of Weather Shocks, Agricultural Productivity Growth and Household Welfare Inequality in Sub-Saharan Africa: Empirical Findings from Nigeria and Uganda." **(Under review)**
3. **Mulubrhan Amare**, George Mavrotas and Hyacinth Edeh (2018): "The Impact of Rainfall Shocks and Land Cover Change on Farmers' Crop Choice and Income Diversification in Nigeria and Uganda." **(Under review)**
4. Hiroyuki Takeshima, **Mulubrhan Amare** and George Mavrotas (2018): "Agricultural productivity and non-farm economies in Nigeria: Delving deeper into the nexus." **(Under review)**
5. Hosaena Ghebru, **Mulubrhan Amare**, George Mavrotas and Adebayo Ogunniyi (2018): "Role of Land Access in Youth Migration and Youth Employment Decisions: Empirical Evidence from Rural Nigeria." **(Under review).**
6. **Mulubrhan Amare**, Kristi Mahrt, George Mavrotas and Channing Arndt (2018): "Polygynous Family Structure and Child Malnutrition in Africa: Empirical Evidence from Nigeria." **(Under review).**
7. Priyanka Parvathi, **Mulubrhan Amare**, Trung Thanh Nguyen and Christopher B. Barrett (2018): "Signaling Change: Micro Insights on the Pathways to Agricultural Transformation." **(Under review).**

SELECTED CONFERENCE PRESENTATIONS

2018:

- Annual Scientific Gender Conference and Capacity Development Workshop.
- The International Consortium on Applied Bioeconomic Research Conference

2017:

- Structural Transformation of African Agricultural and Rural Spaces (STAARS) workshop

2016:

- International Conference of the African Association of Agricultural Economists.
- FAO: Rural Transformation, Agricultural and Food System Transition Conference.

2015:

- Structural Transformation of African Agricultural and Rural Spaces (STAARS) conference.

2014:

- German Association of Agricultural Economists (GEWISOLA-Tagung) conference.
- Annual conference on “Development Economics & Policy” of Ausschuss für Entwicklungsländer (AEL) of Verein für Socialpolitik.

2013

- Poverty Reduction, Equity and Growth Network Conference.
- Development Economics & Policy” of Ausschuss für Entwicklungsländer (AEL) of Verein für Socialpolitik
- Arnoldshain Seminar

2012

- PhD Conference on International Development.

2011

- Development Economics & Policy” of Ausschuss für Entwicklungsländer (AEL) of Verein für Socialpolitik.
- Ethiopian Economic Association conference

PRESS

- Channel Africa Radio interviews regarding the study urbanization and its association with stunting and obesity/overweight in women • Nov 21, 2018
- New Study: Urbanization associated with lower rates of child stunting but higher rates of obesity among women • Nov 19, 2018