

CURRICULUM VITAE

Mahmud Yesuf

**Department of Economics, College of Arts and Sciences, American University, Kreeger G10
4400 Massachusetts Ave., N.W. Washington, DC 20016-8029, Phone: (202) 885-3689
FAX: (202) 885-3790 E-MAIL: yesuf@american.edu**

PROFESSIONAL PREPARATION

- Gothenburg University, Sweden, Ph.D. in Economics (2004)
- Addis Ababa University, Ethiopia, M.Sc. in Economics (1998)
- Addis Ababa University, Ethiopia, B.A. in Economics (1989)
- Additional Short Term Training: Spent three months for survey data analysis training at the Survey Research Institute, University of Michigan, USA, summer 2000; Spent three months for CGE modeling training at Norwegian Agricultural University, Norway, April 2006; Attend an intensive training at the World Bank on computer simulations of MDGs using MAMS/GAMS.

APPOINTMENTS

- Assistant Professor, Department of Economics, American University, Since September 2010.
- Research Assistant Professor, Department of Agricultural Economics, Kansas State University, March-August 2010 (Research Affiliation).
- Assistant Professor, Economics, Addis Ababa University, 2005 – 2008
- Resident Advisor and Research Fellow, Environment for Development (EfD /Kenyan Institute for Public Policy Research and Analysis (KIPPRA)), January-December 2009
- Visiting Professor, University of Nairobi, Kenya, September 2009
- Coordinator and Research Fellow, Environmental Economics Policy Forum for Ethiopia/ Ethiopian Development Research Institute, Ethiopia, 2005 – 2008

- Visiting Professor, African Economic Research Consortium, Nairobi, Kenya, 2009.
- Visiting Professor, Gothenburg University, Sweden, Fall 2004.
- Economist, Ethiopian Science and Technology Commission, Ethiopia, 1989-2000.

TEACHING EXPERIENCES

- American University, USA.
 - Undergraduate Courses Taught: Microeconomics, Economics of Environmental Policy, Applied Econometrics I, Senior Research Seminar.
 - Graduate courses Taught: Applied Econometrics I & II, Survey of African Economies, and Environmental Economics.
- Addis Ababa University, Department of Economics (1998-99, 2004-2008)
 - Undergraduate Courses Taught: Principles of Economics, Basic Microeconomics, and History of Economic Thought.
 - Graduate Courses Taught: Advanced Microeconomics, Advanced Econometrics, Environmental Valuation and Policy Analysis.
- African Economic Research Consortium (Summer 2009):
 - Graduate Courses Taught: Environmental Valuation and Policy (This is a joint M.Sc. program in Economics for African Students coming from 18 universities to take elective courses under joint facility in Nairobi. The course involves class lectures and computer labs).
- University of Nairobi, School of Economics (September 2009).
 - Graduate Course Taught: Environmental Valuation and Policy to 26 M.Sc. students.
- Gothenburg University, Sweden (Fall 2004).

- PhD Courses Taught: Environmental Valuation and Behavioral Economics
(Lectures and computer labs).

GRADUATE THESIS SUPERVISION

- Huseyin Berk Ozkan. 2013. Gas Prices and Car Sales in the U.S. Independent study by a undergraduate student, Department of Economics, College of Arts and Sciences, American University, USA.
- Veronica Nigh. 2012. Understanding Federal Water Quality Regulation. Independent study by a master's student, Department of Economics, College of Arts and Sciences, American University, USA.
- Girma G. Selassie. 2006. Valuing Improved Lake Quality Using Choice Experiment: A Case Study for Lake Awassa. M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia.
- Medhin Assefa, 2006, Household Demand for Improved Water Services in Urban Areas: The case of Addis Ababa, Ethiopia. M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia
- Tolina Tuffa. 2006: Household's Willingness to Pay for Improved Solid Waste Management: Contingent valuation Study in Adama, Ethiopia. M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia.
(Given Best M.Sc Economics Thesis Award of the year 2006 by the Ethiopian Economic Association)
- Ejigu Alemu. 2007. Contingent Valuation of Environmental Benefits of Improving Urban Forest: The Case of Adama City. M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia.

- Seleshi Fantu. 2007. Households’ Willingness to Pay for Improved Solid Waste Management: The case of Common Building Residences in Addis Ababa. M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia.
- Sinafikeh Asrat. 2008. Economic Analysis of Farmers’ Preferences for Crop Variety Traits Using a Choice Experiment Approach: Lessons for On-Farm Conservation and Technology Adoption in Ethiopia. M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia. (Given Best M.Sc Economics Thesis Award of the year 2008 by the Ethiopian Economic Association)
- Dawit Diriba. 2008. Estimating Household Energy Demand of Rural Ethiopia Using an Almost Ideal Demand System (AIDS). M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia.
- Chalachew Temesgen. 2008. Economic Analysis of Farmers’ Derived Demand to Diversify on Local Sorghum Varieties. Implication for on Farm Genetic Resource Conservation: for the Case Study of Tehuldere Woreda; South Wollo Zone. M.Sc Thesis, Department of Economics, Faculty of Business and Economics, Addis Ababa University, Ethiopia.

PUBLICATIONS

A. Peer reviewed journal Articles

- “What Adaptation to Climate Change? Evidence from the Nile Basin, Ethiopia”. **Climate Change Economics 03 (02) (2012)**. (co-authored with S. di Falco and G. Kohlin).
- Estimating the Impact of Climate Change on Agriculture in Low-Income Countries: Household Level Evidence from the Nile Basin, Ethiopia. **Environmental and Resource**

Economics 52 (01) (2011): 457-478. (co-authored S. di Falco, G. Kohlin and C.

Ringler)

- “Does adaptation to climate change provide food security? A micro-perspective from Ethiopia”. **American Journal of Agricultural Economics 93 (3) (2011): 825-842** (Co-authored with S. di Falco and M. Veronesi).
- “Soil and water Conservation Technologies: A Buffer against Production Risk in the Face of Climate Change?” **Agricultural Economics 45 (2) (2011): 593–604.** (Co-authored with E. Kato, C. Ringler, and E. Bryan).
- “Global Carbon Markets: Opportunities for sub-Saharan Africa in the agriculture and forestry”. **Climate and Development 2 (2010): 309-331.** (Co-authored with E. Bryan, W. Akpalu and C. Ringler).
- “Farmers' Preferences for Crop Variety Traits: Lessons for On-Farm Conservation and Technology Adoption”. **Ecological Economics 69 (2010): 2394-2401.** (Co-authored with S. Asrat, F. Carlson, and E. Wale).
- “Seeds for Livelihood: Crop Biodiversity and Food Production in Ethiopia”. **Ecological Economics 69 (2010):1695-1702.** (Co-authored with M. Bezabihe, and S. diFalco)
- “Production risk and farm technology adoption in the rain-fed semi-arid lands of Kenya”, **African Journal of Agricultural and Resource Economics, Vol. 4, No. 2 (2010): 159-174.** (Co-authored with M. Ogada, and W. Nyangena).
- “Poverty, Risk Aversion and Path Dependence in Low Income Countries: Experimental Evidence from Ethiopia,” **American Journal of Agricultural Economics, Vol. 9, Issue 4, (2009); 1022-1037.** (Co-authored with R. Bluffstone).
- “Determinants of Farmers’ Choice of Adaptation Methods to Climate Change in the Nile Basin of Ethiopia”. **Global Environmental Change Journal, Vol. 19, Issue 2 (2009): 248-255.**(Co-authored with T. Deressa, R. Hassen, C. Ringler, T Alemu).

- “Estimating Returns to Soil Conservation Adoption in the Northern Ethiopian Highlands,” **Agricultural Economics, Vol. 38 (2008): 213 – 232.** (Co-authored with M. Kassie, J. Pender, G. Kohlin, R. A. Bluffstone and E. Mulugeta).

B. Books, Book Chapters, and Other Peer Reviewed Publications

- “Risk Preferences and Technology Adoption: Case Studies from Ethiopian Highlands”. **Agricultural Investment and Productivity: Building Sustainability in East Africa,** edited by Randall Bluffstone and Gunnar Kohlin, **RFF Press, 2011** (Co-authored with H. Wold,)
- “Are Agricultural Extension Packages What Ethiopian Farmers Want? A Stated Preference Analysis”. **Choice Experiments in Developing Countries,** edited by Jeff Bennett, and Ekin Birol, **Edward Egar, 2010.** (Co-authored with A. Mekonnen, F. Carlsson and G. Kohlin).
- *Estimating Household Energy Demand for Rural Ethiopia Using AIDS.* **LAP LAMBERT Academic Publishing, 2010.** ISBN-10: 3843368937. (Co-authored with Dawit Guta).
- *Farmers’ Derived Demand for Sorghum Genetic Diversity in Ethiopia: Economics of Sorghum Genetic Diversity in Ethiopia.* **VDM publisher, 2009,** Germany. ISBN 978-3-639-19195-0. (Co-authored with C. Temesgen).
- A Stakeholders’ Analysis on Sustainable Land Management in Ethiopia: Assessment of Opportunities, Strategic Constraints, Information Needs, and Knowledge Gaps. A Study Financed by the World Bank (2007). The paper is co-authored with Gete Zeleke, Minale Kassie and John Pender and is peer-reviewed and published as **thematic paper at the World Bank.**
- Cost of Land Degradation in Ethiopia: A Critical Review of Past Studies. A Study Financed by the World Bank (2007). The paper is co-authored with Minale Kassie,

Alemu Mekonnen and John Pender and is peer-reviewed and published as **thematic paper at the World Bank.**

- Determinants and Impacts of Land Management Technologies in the Ethiopian Highlands: A Literature Review. A Study Financed by the World Bank (2007). The paper is co-authored with John Pender and is peer reviewed and published as **thematic paper at the World Bank.**
- **PhD thesis** (2004): Risk, Time and Land Management Decisions under Market Imperfections: Applications to Ethiopia. All the chapters are submitted for publication at different Journals. ISBN 91-88514-98-6.
- **M.Sc. thesis** (1998): Measuring Environmental Benefit of a Recreation Site. The Case of Sodere, Ethiopia.

C. Working Paper and Under Review Articles

- M. Yesuf and R. Feinberg (2013). “Ambiguity Aversion among Student Subjects: The Role of Probability Interval and Emotional Parameters” (Under revision in *Experimental Economics Journal*).
- R. A. Bluffstone, M. Yesuf T. Uehara, B. Bushie and D. Damite (2012) “Social Coordination, Rural Livelihoods and Natural Capital Investments: Evidence from Ethiopia”. Under review in *Journal of Development Studies* (revised and resubmitted for the second time).
- M. Yesuf and R. Bluffstone (2012). “Time Preference, Risk Aversion and Market Failures in Low Income Countries: Experimental Evidence from Rural Ethiopia“. (In preparation for Journal submission).
- Timothy Dalton, M. Yesuf, and L. Mohammed (2011) "Demand for Drought Tolerance in Africa: Selection of Drought Tolerant Maize Seed using Framed Field Experiments,"

Presented in 2011 Annual Meeting, July 24-26, 2011, Pittsburgh, Pennsylvania 103712, Agricultural and Applied Economics Association.

- M. Yesuf and T. Dalton (2010) “Experimental Studies on Risk, Loss and Ambiguity Aversion, and the Willingness to Pay for Water Efficient Maize in Eastern and Southern Africa”, A Research Proposal, Department of Agricultural Economics, Manhattan, KS.
- M. Yesuf, Menale Kassie and Gunnar Kohlin (2009). “*Risk Implications of Farm Technology Adoption in the Ethiopian Highlands*”. RFF/EfD Working Paper 09-13, Washington, D.C. May 2009.
- R. A. Bluffstone, M. Yesuf and B. Bushie (2008) “*Rural Livelihoods, Poverty and Achieving the Millennium Development Goals in Ethiopia.*” RFF /EfD Working Paper, June 2008.
- M. Yesuf and G. Kohlin (2008), “*Market Imperfections and Farm Technology Adoption Decisions: A Case Study from the Highlands of Ethiopia*”. RFF/EfD discussion paper 08-04. Washington, D.C., 2008.
- H. Klemack and M. Yesuf (2008), “*Does Discount Rate Change Overtime: Experimental Evidence in Ethiopia*”. RFF/EfD discussion paper 08-06. Washington, D.C., 2008.
- M. Yesuf and R. A. Bluffstone (2008), “*Wealth and Time Preference in Rural Ethiopia*”. RFF/EfD discussion paper 08-16. Washington, D.C., 2008.

PROJECTS AND INTERNATIONAL COLLABORATIONS

- Financial and economic feasibility of Sustainable Land Management Program-2 (SLMP-2) for Ethiopia (July-August 2013). The World Bank. Participated as a consultant.
- Experimental Study on Risk and Ambiguity Aversions among AU students (2012-2013). A Project funded by CAS’s Mellon Grant.

- Ex-Ante Economic Analysis of Water Efficient Maize for Africa (2010-2011). A Research Project Financed by the Bill & Melinda Gates Foundation in Collaboration with Kansas State University. Participating as a Research Analyst.
- Poverty and Land degradation in Ethiopia (2005-2007). A Study financed by International Food Policy Research Institute (IFPRI) and the World Bank. Participated as Collaborator and Local Project Leader.
- A Cost Benefit Framework towards a Pro-Sustainable Land Management Decision Making Process in Ethiopia. A Study Financed by the World Bank’s TerrAfrica Initiative (2006). Participated as Collaborator and Local Project Leader.
- IFPRI: Food and Water Security under Global Change: Developing Adaptive Capacity with a Focus on Rural Africa (2006-2008). The Study is financed by IFPRI in collaboration with the German International Development Agency. Participated as Collaborator and Local Project Leader.
- Macro-Economic Impacts of Climate Change in Ethiopia. A consultancy work commissioned by Department for International Development (DFID), UK, July 2007, Addis Ababa, Ethiopia. Participated as Collaborator and Local Project Leader.
- Ethiopian Government: Global Carbon Trading and Opportunities for Africa. A consultative note submitted to the Ethiopian Prime Minister’s Advisor Office upon their request, May 2007. Participated as Collaborator and Local Project Leader
- Economic and Financial Feasibility of Country Partnership Program for Sustainable Land Management Project (CPPSLM). A consultancy Work for Ministry of Agriculture and Rural Development of Ethiopia and commissioned by the World Bank. May 2007, Addis Ababa, Ethiopia. Participated as Collaborator and Local Project Leader

MAJOR SURVEYS

- Co-Lead Experimental Studies on Risk and Ambiguity Aversions among AU Students. A Research Project Funded by the CAS’s Mellon Grant (2013).
- Co-Lead Experimental Studies on Risk, Loss and Ambiguity Aversions, and Willingness to Pay for Water Efficient Maize in Eastern and Southern Africa. A Research Project Financed by the Bill & Melinda Gates Foundation in Collaboration with Kansas State University (On-Going since March 2010).
- Led four rounds of the rural household surveys (2000-2008) of the Environmental Economics Policy Forum of the Ethiopian Development Research Institute, in collaboration with Gothenburg University, and funded by Swedish International Development Agency (Sida).
- Co-Led climate change household surveys (2005-2007) in the Nile Basin by the Ethiopian Development Research Institute in collaboration with IFPRI under the project entitled “Global Food and Water Security Under Global Change: Developing Adaptive Capacity with a Focus on Rural Africa”

CONFERENCES AND PRESENTATIONS

- The Fifth World Conference of Environmental and Resource Economists, Coming up in June/July 2014, Istanbul, Turkey (Program Committee).
- The Twentieth Annual Conference of the European Association of Environmental and Resource Economists, Toulouse, France, June/July 2013 (Program committee).
- Attend the 2013 Annual American Economic Association meeting, San Diego, California, January 2013.
- The Nineteen Annual Conference of the European Association of Environmental and Resource Economists, Czech Republic, June 2012 (Program committee).

- International Conference on the Economics of Climate change Adaptation in low income countries, George Washington University, May 2011, (Presenter).
- Attend the 2010 Annual American Economic Association meeting, Atlanta, Georgia, January 2010.
- The Seventeen Annual Conference of the European Association of Environmental and Resource Economists, Greece, June 2009 (Presenter and Program committee).
- Third Environment for Development Conference, Nairobi, November 2009 (Presenter).
- The Sixteen Annual Conference of the European Association of Environmental and Resource Economists, Sweden, June 2008 (Presenter and Program committee).
- First Environment for Development Conference, South Africa, November 2007 (Presenter).
- The Fifteen Annual Conference of the European Association of Environmental and Resource Economists, Greece, June 2007 (Presenter).
- Fifth International Conference on the Ethiopian Economy, Ethiopian Economics Association, Addis Ababa, June 2007 (Presenter and co-organizer on a special session on Environmental Economics).
- The Soil and Water Conservation Society's 2007 annual conference, July 2007, Tampa, Florida, USA (Presenter).
- The Nile Basin Initiative Regional Meeting, Egypt, 2006 (Presenter).
- Stakeholder workshop on Sustainable Land Management, ILRI, Addis Ababa, May 2-3, 2006 (Co-organizer with World Bank and Presenter).
- Third World Congress on Environmental and Resource Economics, Kyoto, July 3-7, 2006 (Presenter).
- Third International Workshop on Sustainable Natural Resource Management, at Zhejiang Forest College, Hangzhou, China, January 8-9, 2005 (Presenter).

- Workshop on Land Degradation and Poverty at UNECA, May 31, 2005 (Co-organizer with the World Bank, Ministry of Agriculture and Rural Development and the Environmental Protection Agency).
- International workshop on Sustainable Land Management, UNECA, Addis Ababa, May 30, 2005 (Co-organizer with the World Bank and presenter).
- Third International Conference on the Ethiopian Economy, Ethiopian Economics Association, Addis Ababa, June 2005 (Presenter).
- The Thirteenth Annual Conference of the European Association of Environmental and Resource Economists, Budapest, June 2004 (Presenter).
- First International Conference on the Ethiopian Economy, Ethiopian Economics Association, Addis Ababa, June 2003 (Presenter).
- First International Workshop on Sustainable Natural Resource Management, Sweden, October 2002 (Presenter).

PROFESSIONAL AFFILIATIONS AND SERVICES

- **Associate Editor**, Environment and Development Economics Journal (Published by the Cambridge University, UK), since 2011.
- Referee for World Development, since 2014
- Referee for Agricultural Economics Journal, since 2013
- Referee for Journal of Socio-Economics, since 2013.
- Agricultural Economics Journal, since 2013
- Referee for Southern Journal of Economics, since 2012.
- Referee for Journal of Women’s Studies and International Forum, Harvard University, since 2012.
- Referee for Scandinavian Journal of Economics, since 2011.

- Referee for Environment and Development Economics Journal, Since 2006.
- Referee for Ethiopian Journal of Economics since 2005 (published by the Ethiopian Economic Association)
- Referee for the Ethiopian Journal of Development Research (published by the Institute of Development Research, Addis Ababa University).
- Member, Ethiopian Economic Association
- Member, European Association of Environmental and Resource Economists (EAERE).

SOFTWARE SKILLS

Stata, SPSS, SAS, Limdep, GAMS, and MS-Office packages.

Mahmud Yesuf
May, 2014