

ACADEMIC RESUME/CV

1. Name:- Zenebe Gebreegiabher

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2. Sex:- Male

3. Date of Birth:- 19 January 1965 GC

4. Marital Status:- Married and a father a daughter and two sons

5. Nationality:- Ethiopian

6. Academic Qualifications:-

- a. PhD (2007) in Economics, Wageningen University. thesis title 'Household fuel consumption and resource use in rural-urban Ethiopia'
- b. Diploma (2007) in Quantitative and General Economics, Netherlands Network of Economics (NAKE), The Netherlands.
- c. M.Sc. (2001) and B.Sc. (1992) in Agricultural Economics, Alemaya University.
- d. Post-graduate Diploma (1995) in Rural Policy and Project Planning, Institute of Social Studies, The Netherlands.
- e. 1 September 2004 to 31 December 2004, Exchange Student; Department of Economics, University of Victoria, Canada.

7. Fields of Specialization or Research Interest

Institutions/Property Rights and Sustainable Land Use/ Governing the Commons
Efficiency and Productivity in Agriculture and Food Security
Rural and Urban Energy Issues
Climate Change, Agriculture and Developing Countries
Macroeconomics and Public Policy/Growth and Poverty Implications of Interventions
Economics of Technology Adoption
Multiple Criteria Decision Analysis
Applied/Empirical Industrial Organization

8. Work Experience:-

- a. March 1, 2009 till present, *Postdoctoral Fellow*: Currently on leave and working as Postdoctoral Fellow at the Environmental Economics Policy Forum for Ethiopia (EEPFE) of the Ethiopian Development Research Institute (EDRI), Addis Ababa, Ethiopia. The EEPFE is involved in policy relevant research, policy advising and teaching in the area of environment, agriculture and poverty issues.

Among others, I was involved in write up of research projects for international funding and in leading internationally collaborative research projects including on sustainable land management as well as on collective action (common pool resource management institutions in Ethiopia).

- b. January 1, 2008 till present, *Assistant Professor*, Department of Economics, Mekelle University, Ethiopia.

At the capacity of Assistant Professor have been involved teaching graduate level courses Environmental and Resource Economics and Environment and Natural Resources Management (including property right regimes/land governance). Have been involved teaching graduate level courses Advanced Macroeconomics, Macroeconomic Policy, and Development Macroeconomics (at Mekelle and Arba Minch Universities) both to national and international students. I have also supervised six MSc Theses of graduate

students to successful completion on agricultural development, poverty reduction, food security and water issues.

- c. January 1, 2008 to February 29, 2009, *Chair*: Department of Economics, Mekelle University, Ethiopia.

At the capacity of a Chair of the Department, I was coordinating and leading academic, research and consultancy/community service activities as well as administrative matters of the Department. I was particularly involved in initiating and launching graduate program (MSc in Economics, in two specializations: Development Policy Analysis and Natural Resource Economics) and developing new under-graduate curriculum for the Department. Besides providing strong academic and intellectual leadership I was also involved in external relationship-building and resource development.

- d. July 1992 to Sept 2002, *Development and Research*: Served at various positions in the Ministry of Agriculture, the ex-Ministry of Natural Resources and Environmental Protection and in the Bureau of Agriculture and Natural Resources (BoANR), at provincial level and have produced various policy, program and project documents. I was also involved in program evaluation or impact assessment of the regional agricultural extension.

July 1992 to June 1996, *Irrigation Economist*, under the Rural Infrastructure Development Main Department, Ministry of Agriculture and Irrigation Development Department, ex-Tigray Bureau of Natural Resources and Environmental Protection.

July 1997 to August 1998, *Socio-economic Studies Senior Expert* at the Tigray National Regional State Bureau of Agriculture and Natural Resources (BoANR).

July 2001 to August 2002, *Socioeconomic Research Unit Team Leader*, at the Tigray National Regional State Bureau of Agriculture and Natural Resources (BoANR).

- e. October 1999 to June 2005, *Part-time Teaching*: Department of Economics and Department of Natural Resources Economics and Management, Mekelle University, Ethiopia.

Have been teaching the courses: Agricultural Policy and Law (300 level course), Farm Management (300 level course), Principles of Agricultural Economics (200 level course) Economics of Soil and Water Conservation (400 level course), Natural Resources and Environmental Economics (200 level course), Natural Resources Economics: Non-renewable Resources (300 level course and Energy Economics (300 level course)) and have been advising senior essays of undergraduate students at the, Faculty of Business and Economics and at the Faculty of Dryland Agriculture, Mekelle University.

9. Awards:-

Was awarded the 'MAB Young Scientists Research Award 1997' by UNESCO, MAB (Man and the Biosphere Programme).

10. Publications:-

Discussion Papers:

- **Gebreegiabher, Z.**, Mekonnen, A., Kassie, M., and Kohlin, G., (2010). 'Household Tree Planting in Tigray, Northern Ethiopia: Tree Species, Purposes, and Determinants'. EfD Discussion Paper 10-01, Environment for Development Initiative and Resources For the Future, Washington DC, January 2010.
- Bezabih, M., **Gebreegiabher, Z.**, Gebremedhin, L., Köhlin, G., (2010) 'Participation in Off-farm Employment, Rainfall Patterns and Rate Time of Preferences: the Case of Ethiopia'. RFF Discussion Paper EfD 10-21. Environment for Development (EfD) Initiative and Resources For the Future (RFF), Washington DC, October 2010. Submitted to *Environment and Development Economics*.

- **Gebreegiabher, Z.**, Mekonnen, A., Kassie, M., and Kohlin, G., (2010) Urban Energy Transition and Technology Adoption: the Case of Tigray, Northern Ethiopia. EfD Discussion Paper 10-22. Environment for Development (EfD) Initiative and Resources For the Future (RFF), Washington DC, October 2010.
- **Gebreegiabher, Z.**, A. J. Oskam, and D. Bayou, (2009) 'Urban Fuel Demand in Ethiopia: An Almost Ideal Demand System Approach'. EfD Discussion Paper 10-20. Environment for Development (EfD) Initiative and Resources For the Future (RFF), Washington DC, October 2010.

Proceedings and Reports/Lecture:

- **Gebreegiabher, Z.**, (2009) 'Institutions, Sustainable Land Use and Welfare: The Case of Forest and Grazing Lands in Northern Ethiopia'. *Proceedings of the Seventh International Conference on the Ethiopian Economy*, Volume III. EEA (Ethiopian Economic Association), Addis Ababa, May 2010, pp231-244.
- **Gebreegiabher, Z.** and G. C. van Kooten, (2009) 'Afforestation in Ethiopia: A Digression Between Policy Intention and Household Priorities'. In B. Tadesse, H. Beyene, D. Chanyalew, M. Molla (eds) *Current Status of Agricultural Performance and Productivity Enhancing Mechanisms*, Proceedings of the 12th Annual Conference of Agricultural Economics Society of Ethiopia (AESE). AESE, Addis Ababa, September, 2010, pp143-164.
- **Gebreegiabher, Z.**, (2008) 'Institutions and Sustainable Land Use: The Case of Forest and Grazing Lands in Northern Ethiopia'. In Hagos, F., Kassie, M., Woldegiorgis, T., Mohammednur, Y., Gebreegiabher, Z., (eds) '*Proceedings of Collaborative National Workshop on Sustainable Land Management Research and Institutionalization of Future Collaborative Research*'. EEPFE/EDRI, Addis Ababa, May 2009, pp341-352.
- Hagos, F., Kassie, M., Woldegiorgis, T., Mohammednur, Y., **Gebreegiabher, Z.**, (eds) '*Proceedings of Collaborative National Workshop on Sustainable Land Management Research and Institutionalization of Future Collaborative Research*'. August 8-9, 2008, Axum Hotel, Mekelle. Ethiopia. EEPFE/EDRI, Addis Ababa, May 2009.
- **Gebreegiabher, Z.**, (2008) Single versus Multiple Objective(s) Decision Making: An Application to Subsistence Farms in Northern Ethiopia. In Alemu, G., (ed) *Proceedings of the Sixth International Conference on the Ethiopian Economy*, Volume II. EEA (Ethiopian Economic Association), Addis Ababa, May 2009, pp75-96.
- **Gebreegiabher, Z.**, (2008) 'Experiences of the people based soil and water conservation program in Tigray: processes, technology packages and approach'. In Hagos, F., Kassie, M., Woldegiorgis, T., Mohammednur, Y., Gebreegiabher, Z., (eds) '*Proceedings of Collaborative National Workshop on Sustainable Land Management Research and Institutionalization of Future Collaborative Research*'. EEPFE/EDRI, Addis Ababa, May 2009, pp35-46.
- Zerai, B., **Gebreegiabher, Z.**, and Chisholm, N., (2009). 'Effect of Nonfarm Income on Household Food Security in Eastern Tigray, Ethiopia: An Entitlement Approach'. In Alemu, G., (ed) *Proceedings of the Seventh International Conference on the Ethiopian Economy*, Volume III. EEA (Ethiopian Economic Association), Addis Ababa, May 2010, pp137-160.
- **Gebreegiabher, Z.**, (2009) 'Climate Change and Implications for Developing Countries', Lecture delivered in an in-service training to government officials in Environmental Economics, 21-25 December, 2009, EEPFE/EDRI, Addis Ababa.
- **Gebreegiabher, Z.**, Oskam, A.J., (2008) 'Fuel-augmenting Technical Change for Reversing Land Degradation: the Case of Biogas Innovation in Ethiopia'. In B. Tadesse, B. Emanu, D. Abebaw. M. Nigussie (eds) *Exploring Factors Behind the Agricultural Development in Ethiopia: Favourable Conditions and Constraints*, Proceedings of the 11th Annual Conference of Agricultural Economics Society of Ethiopia (AESE). AESE, Addis Ababa, May 2009, pp271-304.
- **Gebreegiabher, Z.**, A. J. Oskam, and T. Woldehanna, (2004). 'Technical Efficiency of Peasant Farmers in Northern Ethiopia: A Stochastic Frontier Approach'; in A. Seyoum, A. Admassie, B. Degefe, B. Nega, M. Demeke, T. B. Kersemo, and W.

- Amha (eds), (2005). *Proceedings of the Second International Conference on the Ethiopian Economy*, Volume II. EEA, Addis Ababa, May 2005, pp103-123.
- **Gebreegiabher**, Z. (2002). 'Impact Assessment of the Regional Agricultural Extension Intervention', Volume I (Main Report), Tigray National Regional State BoANR (Bureau of Agriculture and Natural Resources), Mekelle.
 - Bedini, F., Z. **Gebreegiabher**, F. Hagos, N. Harvey, V. L. Morris, and G. Weldu (1996). 'Land Tenure Issues in smallholder Irrigation in Tigray: the case of Gum Sellassa and Adeha Irrigation Projects', Relief Society of Tigray (ReST), Mekelle.
 - **Gebreegiabher**, Z. (1997). 'Socioeconomic and Policy Dimensions of Soil and Water Conservation in Tigray', BoANRs, Mekelle.

Working Papers:

- **Gebreegiabher**, Z., Gebremedhin, B., Mekonnen, A., (2010) 'Institutions, Sustainable Land Use, and Consumer Welfare: The Case of Forest and Grazing Lands in Northern Ethiopia'. Revision submitted to *Environment and Development Economics*.
- **Gebreegiabher**, Z., and D. Ooms (2010) Efficiency and Productivity of Peasant Farmers and Implications for Food Security: Panel Data Evidence from Ethiopia. Paper presented at 'Regional Workshop on Agricultural Productivity and Food Security in Northern Ethiopia' organized by Mekelle University and REST (Relief Society of Tigray) 12 December 2010, Axum Hotel, Mekelle.
- Alemayehu, Atsede G. and **Gebreegiabher**, Z. (2010) Consumer Welfare Effects of Water Pricing in Ethiopia: the Case of Mekelle Town. Paper presented at the EEA's (Ethiopian Economic Association) 8th International Conference on the Ethiopian Economy, 24-26 June 2010, Addis Ababa.
- **Gebreegiabher**, Z., (2010) Biogas for Poverty Reduction and Climate Change Mitigation: the Case of Ethiopia. Paper presented at the EEA's 8th International Conference on the Ethiopian Economy, 24-26 June 2010, Addis Ababa.
- Alemayehu, Atsede G. and **Gebreegiabher**, Z. (2010) Domestic Water Demand in Ethiopia: the Case of Mekelle Town. Paper presented at the EEA's 8th International Conference on the Ethiopian Economy, 24-26 June 2010, Addis Ababa.
- Hagos, D., Mekonnen, A., **Gebreegiabher**, Z. (2010) 'Households Willingness to Pay for Improved Solid Waste Management in Mekelle City, Ethiopia', Contributed paper presented at the 4th World Congress of Environmental and Resource Economics 28 June - 2 July 2010, Montreal, Canada.
- Mohammednur, Y., and **Gebreegiabher**, Z., (2010) Malthus versus Boserup: an Examination of the Link between Population and Economic Growth in Ethiopia. Paper presented at the EEA's 8th International Conference on the Ethiopian Economy, 24-26 June 2010, Addis Ababa.
- Tefera, N.E., and **Gebreegiabher**, Z., (2010) Foreign Aid and Economic Growth in Ethiopia: A Time Series Approach.
- **Gebreegiabher**, Z., and Mekonnen, A., (2010) 'Sustainable financing of Ethiopia's energy infrastructure: an economic analysis.' Abstract accepted for presentation at the EEA's (Ethiopian Economic Association) 9th International Conference on the Ethiopian Economy, June 2011, Addis Ababa.
- **Gebreegiabher**, Z., (2010) Inflation and Economic Growth: Analysis of Causality and Threshold Level in Ethiopia. Abstract accepted for presentation at the EEA's (Ethiopian Economic Association) 9th International Conference on the Ethiopian Economy, June 2011, Addis Ababa.
- Gebreegiabher, Z., G. C. van Kooten, and D. P. Van Soest, (2010) Stoves Adoption, 'Land Degradation and Climate Change Mitigation: the Case of Ethiopia.' Abstract accepted for presentation at the EEA's (Ethiopian Economic Association) 9th International Conference on the Ethiopian Economy, June 2011, Addis Ababa.
- Gebreegiabher, Z., G. C. van Kooten, and D. P. Van Soest, (2009) 'Land Degradation in Ethiopia: What Do Stoves Have To Do With It?'
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11. Membership in Scientific Societies

- Current member of the International Association of Agricultural Economists (IAAE)
- Current member of the African Association of Agricultural Economists (AAAE)
- Current member and EC (Executive Committee) member of the Agricultural Economics Society of Ethiopia (AESE)
- Current member of the Ethiopian Economic Association (EEA)

12. Participation (and Presentation) in International Conferences (most recent ones)

- 3rd AAAE (African Association of Agricultural Economists) and 48th AEASA (Agricultural Economics Association of South Africa) Conference, 19-23 September 2010, Cape Town, South Africa.
- 4th World Congress of Environmental and Resource Economics, June 28 to July 2, 2010. Montreal, Canada.
- 27th Conference of the International Association of Agricultural Economists on 'The New Landscape of Global Agriculture', 16-22 August 2009 in Beijing/China.
- 8th Nordic Conference in Development Economics, June 18-19, 2009, Oscarsborg, Drobak, Norway.
- 26th Conference of the International Association of Agricultural Economists on 'Contributions of Agricultural Economics to Critical Policy Issues', 12-18 August 2006 in Brisbane/Australia.
- International Conference on 'Economics of Poverty, Environment and Natural Resources Use', 17-19 May 2006, Wageningen, the Netherlands.

13. Organizing workshops

- National workshop on 'sustainable land management research and institutionalization of future collaborative research' August 8-9, 2008, Axum Hotel, Mekelle. Ethiopia.

14. Computing/Software Skills

Conversant in computer soft wares STATA, Eviews and SPSS. Besides, i also have a good working knowledge in GAMS (General Algebraic Modelling System).

Address of Referees:

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