

Name and Date of Birth: Dr. John Mburu, born 21.02.65, Murang'a, Kenya

Current Addresses: Walter-Flex –Str. 3, 53113 Bonn. Tel +49-228-731915; jmburu@uni-bonn.de

Current Institution: Centre for Development Research (ZEF), University of Bonn, Germany

Expertise: Economic valuation of forests, wildlife and agro-biodiversity; Analysis of the efficient and sustainable approaches of conservation of natural resources; Cost-benefit analysis; Incentives for conservation of biodiversity and natural resources

Academic Background

- Ph.D.; specialization in Environment and Resource Economics, Socio-economics of Rural Development and Forest Policy, University of Goettingen (Nov 2002)
- Msc. in Agriculture in tropic and subtropics; specialization in Socio-economics of Rural Development, Production Economics and Development Sociology, University of Goettingen (July 1999)
- Bsc in Agriculture, University of Nairobi (April 1990)

Current Post(s):

Senior Research Fellow (since Dec 2002)

-Research group leader (since March 2006): Natural Resources and Biodiversity Research Group in ZEF's Department of Economic and Technological Change

University Teaching:

- Lectures in Environmental and Resource Economics, and New Institutional Economics (since 2002)

Undergraduate and postgraduate supervision record:

-6 Msc students and 5 doctoral candidates (some on progress)

Project Coordination and Research Experience (see <http://131.220.109.9/staff/319.html>):

ZEF's coordinator of:

-Subproject E13 of BIODiversity Monitoring Transect Analysis in East Africa (BIOTA East AFRICA) project (since June 2004), funded by BMBF

-Genetic Resources Policy Initiative (GRPI) project (since Nov 2003), funded by BMZ/GTZ

-BIODiversity and Economics for CONservation (BIOECON) project (2002-2004), funded by EU

-Project on Economic Valuation of Indigenous Breeds in East Africa (since 2002), funded by Robert Bosch Foundation

-Project on 'Economic Assessment Methodologies for Valuation of Pollination Services (since August 2005), funded by FAO

Member of economists involved in:

-ZEF's COCE research subproject on economic valuation of wild populations of *coffea arabica* in Ethiopia (since 2003), funded by BMBF

Previous Posts

Doctoral researcher: University of Goettingen, Germany (1999-2002)

Divisional Agricultural Extension Coordinator: Ministry of Agriculture, Kenya (1996-1997)

District Drought Recovery Coordinator: Ministry of Agriculture, Kenya (1993-1995)

Farm Manager: Standard Chartered Estate Management Limited, Kenya (1992-1993)

Selected Publications

Peer reviewed journal articles

1. **Mburu J.** and E. Wale (2006) “Local Organizations Involved in Conserving Crop Genetic Resources in Ethiopia and Kenya: Conditions for their Emergence and Success in Ethiopia and Kenya”, *Genetic Resources and Crop Evolution*, 53: 613-629
2. Wale E., K. Holm-Müller, **J. Mburu** and M. Zeller (2005). “Economic Analysis of Farmers' Preferences for Coffee Variety Attributes: Lessons for On-farm Conservation and Variety Adoption in Ethiopia”, *Quarterly Journal of International Agriculture*, 44 (2005), No. 2: 121-139
3. Irungu C., M. Zeller and **J. Mburu** (2005). “Assessing NGOs' Targeting Performance and Characteristics of Households Participating in Child Development Programmes in Rural Eastern Kenya”, *Journal of Agriculture and Rural Development in the Tropics and Subtropics*, 106: No. 2, 119-129.
4. **Mburu J.**, J. Boerner, B. Hedden-Dunkhorst, A. Mendoza-Escalante and K. Frohberg (forthcoming). Feasibility of the mulching technology as an alternative to slash-and-burn farming in Eastern Amazon: A cost benefit analysis. *Renewable Agriculture and Food Systems*
5. Prakash T.N., **J. Mburu**, H. Chandrashekar and D. Abebaw (forthcoming). Analysis of Farmers' Willingness to Conserve Traditional Rice Varieties in the Western Ghats of South India. *Outlook on Agriculture*
6. Abebaw D., K. Holm-Müller and **J. Mburu** (in press). Understanding the Perceived Importance of Risk for Coffee Growers: Empirical Evidence from Ethiopia. *Quarterly Journal of International Agriculture*
7. **Mburu J.**, R. Birner and M. Zeller (2003) “Relative Importance and Determinants of Landowners' Transaction Costs in Collaborative Wildlife Management in Kenya: An Empirical Analysis”, *Ecological Economics*, 45: 59-73.
8. **Mburu J.** and R. Birner, (2002) “Analyzing the Efficiency of Collaborative Wildlife Management: The Case of Two Community Wildlife Sanctuaries in Kenya”, *International Journal of Organization Theory and Behavior*, 5: 259-297.

Books and book chapters

1. Waswa F. and **J. Mburu** (2006). *Potential of Dryland Farming in Kenya and Environmental Implications*. In: Waswa F., S. Otor and D. Mugendi, eds. *Environment and Sustainable Development: A Guide for Tertiary Education in Kenya*, Volume 1. School of Environmental Studies and Human Science, Kenyatta University, Downtown Printing Works Ltd, Nairobi, pp. 70-90 (ISBN: 9966-776-02-8)
2. Wale, E. and **J. Mburu** (2006). *Farmers' Preferences for Coffee Variety Attributes: Implications for Extension Policy on Utilization of Improved Varieties in Ethiopia*: In: Alemu G., A. Assefa, D. Wale and Y. Zewdie, eds. *Proceedings of the Third International Conference on Ethiopian Economy*. Ethiopian Economic Association, Addis Ababa, pp. 69-90.
3. Wale, E. and **J. Mburu** (2006). *Attribute-based Crop Diversity Index and its Implications for On-farm Conservation of Coffee Diversity in Ethiopia*. In: Smale, M., Ed. *Valuing Crop Biodiversity: On-farm Conservation, Genetic Resources and Economic Change*. CABI Publishing, Wallingford, UK, pp. 48-62 (ISBN 0 85199 083 5).
4. **Mburu J.**, (2002). *Collaborative Management of Wildlife in Kenya: An Empirical Analysis of Stakeholders' Participation, Costs and Incentives*, *Socio-economic Studies on Rural Development* Vol. 130. Wissenschaftsverlag Vauk Kiel KG, Kiel, Germany (ISSN 0175-2464; ISBN 3-8175-0371-5).

Discussion papers, news and invited articles (institutional review)

1. Denich M., Gatzweiler F., Martius Ch., **J. Mburu**, Mollinga P., 2005. Lead Article: Biodiversity – A Challenge for ZEF. In: Gardner M., van der Veen A. (eds.) Diversity; ZEF Bonn Annual Report 2004/2005, Center of Development Research (ZEF), University of Bonn, Bonn, Germany, page 6.
2. **Mburu J.** 2004. Wildlife Conservation and Management in Kenya: Towards a Co-management Approach. FEEM Working Papers Series No. 47. 04.
3. Hedden-Dunkhorst B., Börner J., Mendoza-Escalante A., **Mburu J.** and Frohberg K., 2004. ‘Potential and Constraints of Technological Innovations: Selected Findings from a Recently Completed Project on Smallholder Agriculture in the Eastern Amazon Region’ [ZEF News, No. 16](#). Center for Development Research (ZEF), Bonn.
4. El-Mikawy, N., Engel, S., Fuest, V., Grote, U., Hedden-Dunkhorst, B., **Mburu, J.**, Micevska, M. and A. Schoeller-Schletter, 2003. ‘Institutions Matter’. [ZEF News, No. 13](#). **Center for Development Research (ZEF), Bonn.**

Conference papers and others

- 3 Institutional and contract (consultancy) reports (*institutional review*)
- 18 Paper presentations in international conferences
- 5 Poster presentations in international conferences (one award winning)
- 2 Reports of donor funded research projects (each of at least three years)
- 4 Journal articles undergoing peer review process (two of them at the second stage)
- 3 Chairperson contributions in international conferences