

Gimbage Ernest Mbeyale  
Senior Lecturer, Sokoine University of Agriculture



## PERSONAL INFORMATION

**Sex** male

**Date of birth** 7<sup>th</sup> March, 1968

**Marital status** Married

**Nationality** Tanzanian

**Current position** Senior Lecturer, Department of Forest Mensuration and Management  
Faculty of Forestry and Nature Conservation

## CONTACT ADDRESSES

Department of Forest Resources Assessment and Management,  
College of Forestry, Wildlife and Tourism,  
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## ACADEMIC QUALIFICATIONS

PhD (Geography), University of Dar es salaam – 2009

MSc. (Forestry), Sokoine University of Agriculture (SUA), Morogoro, Tanzania- 1999

BSc. (Forestry) Sokoine University of Agriculture (SUA), Morogoro, Tanzania- 1995

## SCHOOLS /COLLEGES ATTENDED

|  |           |
|--|-----------|
| University of Dar es Salaam, DSM, Tanzania           | 2005-2009 |
| Sokoine University of Agriculture, Morogoro-Tanzania | 1996-1999 |
| Sokoine University of Agriculture, Morogoro-Tanzania | 1992-1995 |
| Songea Boys High School, Songea-Tanzania             | 1989-1991 |
| Lugalo Secondary School, Iringa-Tanzania             | 1985-1988 |
| Gangilonga Primary School, Iringa-Tanzania           | 1978-1984 |

## AREA OF RESEACH SPECIALIZATION

Involved in teaching, research, extension and consultancy services in Forest and Natural resource management, Forest and Natural resources governance, Institutional analysis in natural resource management, Forest based livelihood, Community based forest resources management

## Previous work experience

Senior Lecturer, Department of Forest Mensuration & Management July 2010 to date

Lecturer, Department of Forest Mensuration & Management August 2004 – July 2010

Assistant Lecturer, Department of Forest Mensuration & Management May 2000- 2004

Research Assistant- CIFOR, Miombo Research Project- SUA Oct 1998 – April 2000

Teaching at Self Supporting Farm Institute, Kibidula, Iringa Feb 1996 – Oct 1996

Research Assistant – Miombo Research Programme-SUA July 1995- Jan 1996

## PUBLICATIONS

### Chapters in Books

1. Eliezeri Sungusia, Jens Friis Lund, Christian Pilegaard Hansen, Numan Amanzi, Yonika M. Ngaga, **Gimbage Mbeyale**, Thorsten Treue and Henrik Meilby 2020. *Rethinking Participatory Forest Management in Tanzania*: Department of Food and Resource Economics, University of Copenhagen. IFRO Working Paper , No. 2020/02
2. Paul Vedeld, Edgar Liheluka, Gimbage E. Mbeyale 2016: Water resource management, institutions and livelihood adaptation: A case from Kilombero rural areas, Tanzania: In Herausgegeben von Lal, Rattan / Kraybill, David / Hansen, David O. / Mosogoya, Theodosy / Singh, Bal Ram (eds); *Climate Change and Multi-Dimensional Sustainability in African Agriculture : Climate Change and Sustainability in Agriculture*. Pp 119-141; ISBN 978-3-319-41236-8
3. Katani, J.Z., Madoffe, S.S., Midtgaard, F., Rija, A.A. Amanzi, N.S., Kilawe, C.J., Mbeyale, G.E., Zahabu, E., Christopher, B.T. and Silayo, D.A. (2016). Developing Fire Reduction Strategy for the Miombo Woodlands as a Potential tool for Carbon Storage and Sequestration. In Kulindwa, K. A., Silayo, D., Zahabu, E., Lokina, R., Hella, J., Hepelwa.,Shirima, D., Macrice, S and Kalonga, S. (eds). *Lessons and Implications from REDD+ Implementation: Experiences from Tanzania*. CCIAM-SUA, Dar es Salaam,

Tanzania. E&D Vision Publishers, Dar es Salaam, Tanzania. ISBN: 978 9987 735 53 2. pp 3-24.

4. Devotha B. Mosha, George C. Kajembe, Andrew K. P. R. Tarimo, Paul Vedeld, Gimbaje, E. Mbeyale (2016): Performance of Water Management Institutions in Farmer-Managed Irrigation Schemes in Iringa rural and Kilombero districts, Tanzania. *International Journal of Asian Social Science*, 6(8): 430-445
5. Katani, J.Z., Madoffe, S.S., Amanzi, N.S., Rija, A. A., Midtgaard, F. Mbeyale, G., Zahabu, E. and Tarimo, B.C. (2014). Assessment of fire prevalence and reduction strategies in Miombo woodlands of Eastern Tanzania. *Tanzania Journal of Forestry and Nature Conservation*, 84(1):24-37.
6. Gimbaje Mbeyale, Frankline Bomani, Babar Shabaz and Numan Amanzi (2014). Livelihood Options and Food Insecurity in Marginal and Semi arid areas of Same District, Tanzania. *Int. J. Agr. Ext* (2014). 75-91 [ <http://www.escijournals.net/IJAE>]
7. Magessa, K, Mbeyale G.E, Kajembe, G.C, and Katani, J.Z (2013). Power struggles in the management and utilization of Suledo Village Land Forest Reserve, Kiteto District, Tanzania. *Tanzania Journal of Forestry and Nature Conservation*, Volume 82(2) June, 2013
8. Kimaro D.N., Mbeyale G.E., Hella J.P., Kajembe G.C., Semalulu O. and Mogaka, H. (2013). Modern beekeeping as an enterprise for monetary benefits, environmental rehabilitation and biodiversity conservation: A case study of Lushoto District, Tanzania. In: [ASARECA] Association for Strengthening Agricultural Research in Eastern and Central Africa. Feeding our region in the 21st century: First ASARECA General Assembly, Volume 2: Selected scientific and technical papers: ASARECA: Entebbe, Uganda. ISBN 2978-92-95070-94-3. pp177 – 193
9. Mhando, D.G., Haller, T., Mbeyale, G. and Ludi, E. 2013. Adaptation to change in coffee value chain and the price of coffee producers in two villages in Kilimanjaro, Tanzania. *African Study Monographs* Vol.34, No 1 , 27-56pp
10. Tobias Haller, Gilbert Fukou, Gimbaje Mbeyale and Patrick Meroka, 2013. How fit turns into misfit and back: Institutional Transformations of Pastoral Commons in African Floodplains. *Ecology and Society* 18(1): 34 [<http://www.ecologyandsociety.org/vol18/iss1/art34/>]
11. Chandrasekharan Behr, Diji, Eileen Mairena Cunningham, Mbeyale Gimbaje, George Kajembe, Steve Nsita, Kenneth L. Rosenbaum. 2012. Benefit Sharing in Practice: Insights for REDD+ Initiatives. Washington, DC: Program on Forests (PROFOR)
12. Eva ludi, Aklilu Amsalu, Wanjiku Chiuri, Tobias Haller, Gimbaje Mbeyale and David Mhando (2011). Sustainable Livelihoods for coffee producers in east Africa: Is Producing Speciality Coffee a way out of Poverty?. In Wiesmann U, Hurni H, editors; with

- international group of editors. 2011. Research for sustainable development : Foundations, Experiences and perspectives. Perspectives of the Swiss national centre of Competence in Research (NCCR) North-South, University of Bern, Vol.6. Bern, Switzerland : Geographica Bernensia, 640p
13. Mbeyale, G.E. 2010. From integrated slope management to fragmented use: Common-pool resources, institutional change, and conflicts in Pangani River Basin, of Same District, Tanzania in: Haller, T ed, Disputing the Floodplains: Institutional Change and the Politics of Resource Management in African Wetlands. African Social Studies Series Vol. 22. Koninklijke Brill NV, Leiden, The Netherlands. Pp 195-242.
  14. Ngana J, Notter B, Messerli P, Wiesmann U, Mbeyale G, Msuya T, Chitiki A. 2010. Managing water resources in dynamic settings: A multi-level, multi-stakeholder perspective. In: Hurni H, Wiesmann U, editors; with an international group of co-editors. Global Change and Sustainable Development: A Synthesis of Regional Experiences from Research Partnerships. Perspectives of the Swiss National Centre of Competence in Research (NCCR) North-South, University of Bern, Vol. 5. Bern, Switzerland: Geographica Bernensia, pp 91–106.
  15. Ifejika S.C, Ayiemba E, Mbeyale G, Ludi E, Ong'anyi P, Mwamfupe D. 2010. Strengthening policies and institutions to support adaptation to climate variability and change in the drylands of East Africa. In: Hurni H, Wiesmann U, editors; with an international group of co-editors. Global Change and Sustainable Development: A Synthesis of Regional Experiences from Research Partnerships. Perspectives of the Swiss National Centre of Competence in Research (NCCR) North-South, University of Bern, Vol. 5. Bern, Switzerland: Geographica Bernensia, pp 107–130.
  16. Shahbaz, B, G. Mbeyale and T. Haller 2008: Trees, Trust and the State: A comparison of participatory forest management in Pakistan and Tanzania. Journal of International Development. 20, 641–653.
  17. Mbeyale GE, Songorwa AN. 2008. Conservation for whose benefit? Challenges and opportunities for management of Mkomazi Game Reserve, Tanzania. In: Galvin M, Haller T, editors. People, Protected Areas and Global Change: Participatory Conservation in Latin America, Africa, Asia and Europe. Perspectives of the Swiss National Centre of Competence in Research (NCCR) North-South, University of Bern, Vol. 3. Bern: *Geographica Bernensia*, pp 221-251.

## Other Publications

Mustalat, I., Kilian, B., Agrawal, A., Erkkila, A., Devkota, B., Hyle, M., Gutierrez, V., **Mbeyale, G.**, Mwaseba, D., Maro, A. 2019. Globally Responsible, locally responsive. Responsive natural Resources Governance Research Group Policy Brief. [www.uef.fi/responsive-natural-resources-governance](http://www.uef.fi/responsive-natural-resources-governance)

Lund, J. F., Amanzi, N. S., Baral, S., Basnyat, B., Chhetri, B. B. K., Eilenberg, M., Hansen, C. P., Lund, C., **Mbeyale, G.**, Meilby, H., Ngaga, Y. M., Pokharel, R. K., Rayamajhi, S.,

Sungusia, E., Treue, T. 2019. Towards participatory forestry. Copenhagen Centre for Development Research Policy Brief 2019/1. [https://static-curis.ku.dk/portal/files/217662272/2019\\_No\\_1\\_Jens\\_Friis\\_Lund.pdf](https://static-curis.ku.dk/portal/files/217662272/2019_No_1_Jens_Friis_Lund.pdf)

### **Conference proceedings**

1. Msuya, T.S., G.E. Mbeyale, G.C. Kajembe, J.Z. Katani, P. Vedeld, J.J., Kashaigili, S. Hizza and M. Nzunda. 2012. Socio-economic factors influencing land allocation in irrigation water use: A case of Semi-improved and traditional schemes in Iringa rural and Kilombero districts, Tanzania. In Calling up innovations: the role of Resercher and value chainActors Partnership. Proceeding of the first EPINAV Scientific Conference, Hilux Hotel, Morogoro 17-19 December, 2012. pp 197-208
2. *Madoffe, S.S., Rija, A.A., Midtgaard, F., Katani, J.Z., Mbeyale, G., Zahabu, E., Liwenga, E., Christopher, B.C.*2012. *Preliminary Assessment of Forest Structure, Management and Carbon Stocking in Tanzania Miombo Woodland. Proceedings of the first Climate Change Impacts, Mitigation and Adaptation Programme Scientific Conference, Morogoro. Pp 106-117*
3. Kimaro, D.N., Sernalulu,O., Ayaga,G., Mbeyale, G.E., Kasenge, V., Gurnisiriza, C., Kajembe, G.C and H. Mogaka 2010. Promoting sustainable integrated natural resource management options through effective governance and farmer-market linkages in the highlands of East Africa. Proceedings of the International Conference on Best Practices in University Development through International Cooperation held at Hotel Elizabeth, Baguio City, Philippines February 2-4, 2010
4. Mbeyale, G.E, Kajembe, G.C, Haller, T, and Mwamfupe, D.. 2008. "Institutional Changes in Management of Common Pool Resources (CPR) in Eastern Same Tanzania: Challenges and Opportunities." Presented at "Governing Shared Resources: Connecting Local Experience to Global Challenges," 12th Biennial Conference of the International Association for the Study of Commons, Cheltenham, England, July 14-18, 2008.

### **RESEARCH PROJECTS**

1. Science and Power in Participatory Forestry 2014-2018
2. Institutional evolutions at macro and micro-levels in the management of water catchments and their influences on local community livelihoods under a climate change scenario in Tanzania. Funded by Norwegian Government under EPINAV Programme -2011-2016
3. Developing Fire reduction strategy for Miombo woodlands as a Potential tool for Carbon storage and Sequestration -2010-2015
4. Livelihood Futures in Resource-Scarce Areas – and the Quest for the Inclusion of Marginal Groups 2009-2013. Funded by NCCR North South. Project Leader, Tanzania
5. Promoting Sustainable Natural Resource Management through Effective Governance and Farmer-Market Linkages. Funded by ASARECA, 2009-2011. Participating Researcher
6. Impact of Development Intervention on Poverty Environmental Nexus in Pangani Basin, Tanzania 2007-2009

7. The impact of institutional changes in the management of common pool resources in Pangani basin: A case Eastern Same District, Tanzania. 2004-2008
8. Participated in Woodfuel consumption surveys in some urban areas of Tanzania (2002)
9. Participated in the preparation of local level consultative processes in forestry: Best Practices and lessons of experience for designing the national forest programme (2000).
10. Socio-economic assessment of the factors influencing building poles consumption, conservation and management of the Amani forest Nature reserve in Tanga, Tanzania. Research carried out in partial fulfillment of the requirement for M.Sc. (For) degree at Sokoine University of Agriculture – 1998
11. Evaluation of Acacia Spp for use in Agroforestry technology in Shinyanga region, Tanzania. Research carried out in partial fulfillment of the requirement for B.Sc. (For) degree at Sokoine University of Agriculture – 1995

## **CONSULTANCIES**

1. Updating Participatory Forest Management Facts and Figures 2020 Phase I. Submitted to FORVAC and Forest and Beekeeping Division, Ministry of Natural Resources and Tourism, June 2020.
2. Assessment of Community-Based Forest Economies and Identification of vibrant and viable local economic models for villages with Village Land Forest Reserves in the Ruvuma landscape, Tanzania, Submitted to WWF-Tanzania, December, 2020
3. A Simplified Guide for Decision Makers on Natural Resources Management for Local Economic Development in Kigoma Landscapes: Submitted to Enabel by FORCONSULT, College of Forestry, Wildlife and Tourism (CFWT), Sokoine University of Agriculture January, 2020
4. Analysis of Land Tenure and Land Use Changes Involving Non-Industrial Private Forestry (NIPF) in selected villages in Mufindi and Njombe, Southern Highlands: Submitted to DFT February 2018
5. Participatory review of existing rules, regulations, resource governance mechanisms and current by-laws in relationship to national policies with a view of identifying areas of weaknesses in NRM governance and climate change: Submitted to RAS, Tabora, January, 2016
6. Household survey on Income Derived from Beekeeping in Kigoma Region. Submitted to BTC by FORCONSULT. December, 2015
7. Impact Assessment of Pastoralist Field Schools in Ethiopia, Kenya and Uganda Dec 2014. Submitted to FAO regional office, Nairobi Kenya
8. External evaluation on the Governance of Community Based Natural Resource Management Project, Inyonga, Mlele District, Katavi region, Tanzania, July, 2013. Submitted to the Association for the Development of Protected Areas (ADAP), Based in Geneva, Switzerland

9. A socio-economic Valuation of losses from non-compliance with Forest Law Enforcement, Governance and Trade (FLEGT) in Tanzania February-April, 2012
10. Capacity Needs Assessment of Government Institutions at Central, Regional, Districts and Local Levels for the Establishment of a REDD+ Scheme in Tanzania. Submitted to UNDP through LTS based in UK (March – July, 2012)
11. Forest Partnerships and Benefit Sharing: Insights on factors and Context that make collaborative arrangements work for communities and land owners June –October 2011
12. Documenting Lessons Learnt for the WWF Project on ‘Improving Natural Resource Use on the Eastern side of Udzungwa Mountains National Park, Tanzania’. 2010.
13. Capacity Needs Assessment for 9 Village Natural Resources Committees in Kilosa District for the WWF Project on ‘Improving Natural Resource Use on the Eastern side of Udzungwa Mountains National Park, Tanzania’. 2009.
14. Quantification of the magnitude of utilization and commercialization of forest products in Iringa rural district, Tanzania. A baseline socio-economic survey for MEMA project. A consultancy report, FOCONSULT, Faculty of Forestry and Nature Conservation in collaboration with COWI Denmark. 2001

## **SUPERVISION OF STUDENTS’ RESEARCH PROJECTS**

### **Degree Programme**

### **Number of students supervised**

|   |  |
|---|--|
| Undergraduate programmes                                | 46   |
| Masters’ programmes                                     | 17   |
| PhD programme   | 2  |
| 14 Countries visited for academic and other assignments | Kenya, Uganda, Ethiopia, South Africa, Switzerland, Denmark, UK, Costa Rica, LAO PDR, Thailand, Pakistan, Nepal, Kirgizstan, India |
| 15 Languages  | Kiswahili and English  |