

CURRICULUM VITAE



1. PERSONAL DATA

- 1.1 Full name: Dr. Devotha Baltazary Moshwa (Mrs. Kilave)
1.2 Sex: Female
1.2 Date of birth: 27th February 1972
1.3 Place of Birth: Tanzania
1.4 Nationality: Tanzanian
1.5 Marital Status: Married
1.6 Contact Address: Sokoine University of Agriculture (SUA),
Institute of Continuing Education,
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2. ACADEMIC QUALIFICATIONS

QUALIFICATION	WHEN OBTAINED	INSTITUTION
Doctor of Philosophy (PhD), Water Resources Governance	2016	SUA, Morogoro, Tanzania
M.Sc. Natural Resources Management for Sustainable Agric.	2002	SUA, Morogoro, Tanzania
B.Sc. Agriculture Gen.	1997	SUA, Morogoro, Tanzania
OTHER QUALIFICATION		
Gender and Natural Resources Management, Certificate	2013	Norwegian University of Life Sciences, Norway
Participatory Research Methodology, Certificate	2013	Norwegian University of Life Sciences, Norway
Gender Analysis, Certificate	2007	Tanzania Gender Network Programme (TGNP), TZ
Natural Resource Management & Sustainable Agric, Certificate	2001	Institute of Continuing Education, SUA.

5. CURRENT AND PREVIOUS PROFESSIONAL AND WORKING EXPERIENCE

5.1 EMPLOYMENT RECORD AT THE UNIVERSITY

DATE	POST
2019 – Present:	Senior Research Fellow:
2010 – 2018	Research Fellow:
2007 – 2009:	Assistant Research Fellow

5.2 PREVIOUS EMPLOYMENT

January – October 2006:	Monitoring & Evaluation Officer, Uluguru Mountains Environmental Management and Conservation Project (UMEMCP), CARE International Programme, Tanzania
2003 -2004:	Capacity Development Officer: Magu District Livelihoods Security Project (MDLSP) - CARE International Programme, Tanzania;
January - December, 2005:	Assistant Project Manager Magu District Livelihoods Security Project (MDLSP), CARE International Programme, Tanzania

5.3 WORK EXPERIENCE

Outreach

- Coordination University wide Outreach activities at SUA
- Organizing and facilitating implementation of short courses
- Develop and conduct demand driven continuing education programmes to relevant stakeholders
- Facilitate an increase uptake of innovations and technologies developed by researchers in order to improve productivity, processing and marketing
- Promote mutual collaboration, partnership and networking with local and international stakeholders in conducting outreach activities.

Research:

- Various fields – Agricultural, Water Resource Management, Gender, Livelihoods and community development.

Teaching:

- Teaching Undergraduate courses: Social Impact Assessment; Group Dynamics and Leadership and Participatory Research Methodology
- Teaching Postgraduate course: Gender and Development; Integrated Water Resource Management and Agricultural Conservation

Supervision:

- Supervising undergraduate students and post graduates' research projects on fields related to Water resources, Agricultural, Gender, and Community Development.

Administration:

- Head, Community Outreach Conference Services delivery Section (2017- to date)
- Member, University-Wide Outreach Activities
- Assistant Secretary, Gender Policy Implementation Committee (2008- 2013)
- Member, Gender Policy Implementation Committee (2013- to date)

6. MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS/COMMITTEE

Chairperson:	ICE, Research and Publication Committee, (2017 to date)
Member:	SUA SENATE, Research and Publication Committee (2017-2019)
Board Member:	Pest Management Center Board (2017- to date)
Member:	Gender Policy Implementation Committee (GPIC) (2013- to date)
Assistant Secretary:	SUA - Gender Policy Implementation Committee (GPIC) (2008-2012)
Board Member:	Institute of Continuing Education Board (2007-2020)
Member:	University Wide Committee on Outreach Activities (2008- to date)
Member:	SUA Academic Staff Association (2008- to date)
Member:	Tanzania Graduate Farmers Association (TGFA) (2002- to date)
Member:	Tanzania Association of Women Leaders in Agric. & Environmental (TAWLAE) (2002-2014)

MAJOR RESEARCH ACTIVITIES

- 7.1. Agroecological Hun in Tanzania Project, Sokoine University of Agriculture, Morogoro, Tanzania. Project

- funded by Macknight Foundation (2019 – 2021).
- 7.2. APRA- Agricultural Policy Research in Africa: Longitudinal studies of impact of sunflower commercialisation on women empowerment, food security and nutrition in Singida region, Tanzania. Funded by DFID, UK (2016- 2021)
 - 7.3. GROFUTURES: Groundwater for Futures in Sub-Saharan Africa Project_ Development and Operation of Basin Observatories within the Network of African Groundwater Observatories (NAGO): Project funded by the “UPDRO” programme of NERC_ESRC DFID, UK (2015-2020). Member, Social/Gender Component.
 - 7.4. Agroecological Hun in Tanzania Project, Sokoine University of Agriculture, Morogoro, Tanzania. Project funded by Macknight Foundation (2019 – 2021).
 - 7.5. IDRC Programme, Member on Gender and Food security: Integrating Dairy Goats and root crops production in Kongwa and Mvomero Districts, Tanzania; SUA in collaboration with University of Alberta. Project funded by IDRC. (2011 – 2014).
 - 7.6. EPINAV Programme, Member: 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. Project sponsored by NORAD through the SUA-NORAD frame agreement. (2011-2016)
 - 7.7. EPINAV Programme, Member: Integrated Livelihood and Natural Resource Management to adapt dry land communities to climate change in Mwanga District in Kilimanjaro region, Tanzania. Project sponsored by the Norwegian Agency for International Development Cooperation (NORAD) through the SUA-NORAD frame agreement. (2011-2016).
 - 7.8. EPINAV Programme, Project Member: Supply Chain Analysis of Agricultural Inputs under the National Agricultural Voucher Scheme in Tanzania. Project sponsored by NORAD through the SUA-NORAD frame agreement. (2011-2016).
 - 7.9. PANTIL Programme, Member: Production of Oyster Mushrooms by using re-usable substrate containers (PANTIL, Technology Transfer Office) (2008 - 2010).
 - 7.10. Extension of Farmer Field Schools’ Approach in Eastern zone (Rufiji, Bagamoyo, Morogoro rural and Korogwe districts (2008 -2010).
 - 7.11. Scaling up of best practices/technologies generated by researchers at SUA: Farmer Empowerment - PANTIL Programme (2009 -2010).

8. PUBLICATIONS

8.1 Journal Articles

- 8.1.1 **Mosha, D.B.**, J.L. Gudaga, D. Gama and J.J. Kashaigili (2022). Valuing groundwater use: Resolving the potential of groundwater in the Upper Great Ruaha River Catchment of Tanzania (Chapter 15). In: Groundwater for Sustainable Livelihoods and Equitable Growth - IAH International Contributions to Hydrogeology Vol. 30, pp. 275-294.
- 8.1.2 **Mosha, D. B.**, Jeckoniah, J., Isinika A., and Boniface Gideon (2021): The Influence of Sunflower Commercialisation and Diversity on Women’s Empowerment: The Case of Iramba and Mkalama Districts, Singida Region. APRA working paper No 59, Brighton, IDS.
- 8.1.3 **Mosha, D. B** and G. Boniface (2021). Do women engagement in sunflower commercialisation empower them? Experience from Singida Region. Submitted Journal of Gender, technology and development.
- 8.1.4 **Mosha, D.B.**, Gudaga, J.L., Gama, D and Kashaigili J.J (2021). Valuing groundwater use: resolving the potential of groundwater in the Upper Great Ruaha River Catchment of

Tanzania. Chapter in a book - Groundwater, Resilient Livelihoods and Equitable Growth (Accepted in press.)

- 8.1.5 Jeckoniah, J., **Mosha, D.B** and G Boniface (2020). Rice Commercialisation and Women Empowerment in Mngeta Division, Kilombero, Tanzania, APRA working Paper No 31, Brighton, IDS.
- 8.1.6 Mosha, D. B & Mlay G (2020). Systems of Rice Intensification (SRI) in Kilombero Valley: Potential, Misconception and Reality. [https://www.future-agricultures.org/blog/Systems-of-Rice-Intensification \(SRI\) -in Kilombero Valley: Potential- Misconception and Reality](https://www.future-agricultures.org/blog/Systems-of-Rice-Intensification(SRI)-in-Kilombero-Valley-Potential-Misconception-and-Reality)
- 8.1.7 **Mosha, D.B.** (2019). Local Water Users' Voices on Perceptions of Exogenous Factors Driving Water Institutional Changes in Iringa and Kilombero Districts, Tanzania. *International Journal of Applied and Natural Sciences (IJANS)*; Vol. 8 (3) 177-190
- 8.1.8 **Mosha, D. B,** Vedeld, P, Katani, J.Z, Kajembe, G. C, and Tarimo, A.K.P.R (2018). Contribution of Paddy production and Household Income in Farmer-Managed Irrigation Scheme Communities in Iringa Rural and Kilombero Districts, Tanzania. *Journal of Agricultural Studies*, (6) 100-122.
- 8.1.9 Gudaga, J.L., Kabote, J.S, Tarimo, A. K.P.R., **Mosha, D. B.,** and Kashaigili J.S (2018). Groundwater users' awareness of water institutions in Tanzania: A case study of Mbarali District, Mbeya Region. *Journal of African Studies and Development*. 10(3), 29-42, DOI: 10.5897/JASD2017.0485.
- 8.1.10 Gudaga, J.L., Kabote, J.S, Tarimo, A. K.P.R., **Mosha, D. B.,** and Kashaigili J.S (2018). Effectiveness of groundwater governance structures and institutions in Tanzania. *Journal of Applied Water Science* 8:77 <https://doi.org/10.1007/s13201-018-0721>
- 8.1.11 Chapter 12: J.L. Gudaga, S.J. Kabote, A.K.P.R. Tarimo, **D.B. Mosha** (2018). Groundwater situation in Tanzania. Experiences from Mbarali District in Mbeya Region. A book chapter in Jerzy Gilarowski (eds) (2018). Development in East Africa, Environment and Economy. Mkwawa University College of Education (MUCE), a Constituent College of the University of Dar es Salaam (Tanzania) & Institute of Ethnology and Cultural Anthropology University of Warsaw (Poland). Iringa – Warsaw 2018 ISBN 978-83-7401-64502
- 8.1.12 Chapter 3: Kajembe, G.C., Vedeld, P., Babili, I. H, Silayo, Dos Santos, **Mosha, D. B.,** Institutional Sustainability in the Face of Climate Change: Empirical Insights from Irrigation Institutions in the Iringa Rural District, Tanzania. A book chapter in R. Lal et al. (eds.) (2016). Climate Change and Multi-Dimensional Sustainability in African Agriculture. *Springer International Publishing AG* 2016 DOI 10.1007/978-3-319-41238-2_3
- 8.1.13 **Mosha, D. B.,** Vedeld, P., Kajembe, G. C. Tarimo, A. K. P. R & Katani, J. Z. (2016). Reflections on evolving water management institutions and institutional bricolage: a case of irrigation schemes in Iringa Rural and Kilombero districts, Tanzania. *Water Policy* 18: 143–160.
- 8.1.14 **Mosha, D. B.,** Kajembe, G. C., Tarimo, A. K. P. R., Vedeld, P and Mbeyale, G.E (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
- 8.1.15 C.P. Mahonge, C.P., Nsenga, E. J, Mtengeti, E. J., **Mosha, D.B** and Challe, J (2016). Convergence of Horizontal and Vertical Experiential Sharing Through Participatory Feedback: the Case of Integrated Natural Resource Management and Livelihood Improvement in Mwangi District, Tanzania. *International Journal of Research and Development in Social Sciences (IJRDS)*, 2 (1)1-18
- 8.1.16 Mosha, D. B and Lyimo-Macha, J.G. (2013). Improved Dairy Goats Farming in Transforming Gender relations among agro-pastoral Societies in Kongwa and Mvomero Districts, Tanzania. *Journal of Continuing Education and Extension* 4 (2): 377-395.
- 8.1.17 Mvena, Z. S.K., Mattee, A.Z R., Wambura, M., Mwaseba D. L., Lazaro, E. A., Kiranga E. D., and **D B. Mosha-Kilave** (2012). Farmer Field Schools as a Springboard for Enhanced Uptake of new Agricultural Technologies: Lessons for Tanzania. *Journal of Agricultural Sciences* 12(1): 43-52

- 8.1.18 **Kilave, D. B** and Massawe, F. A. (2009). Women's income generating activities and poverty reduction: case of Magu district, Mwanza region, Tanzania. *Eastern and Southern Africa Journal of Agricultural Economics and Development*; 6: 72-88. (This Journal was out in 2011)
- 8.1.19 Massawe F. A and **Kilave D.B.** (2010). Participation and empowerment a myth or a reality: A case of Tanzania Social Action Fund (TASAF) Program Kibaha, Tanzania. *Journal of African Affairs*, Korea: 176 – 203.
- 8.1.20 Makundi, J.J., Xiaoyun, Li., **Kilave, D. B** and Kimbi, G.G. (2010). Adoption of Agricultural Innovations in Mount Kilimanjaro Region, Tanzania. *Journal of Agriculture, Biotechnology and Ecology*, 3(1): 1-9.
- 8.1.21 Sife, A. S., **Kilave D. B.** and Lyimo–Macha, J.G. (2010). Gender stereo-typing in Tanzanian Television Advertisements. *Rural Planning Journal*, Vol. 12 No. 2: 68-83.
- 8.1.22 Makundi, J. J, G. G.Kimbi, **Kilave, D.B.**, and Lyimo-Macha, J. G. (2009). Assessment of factors likely to affect adoption of land management technologies: A Case of Tanga District, Tanzania. *Rural Planning Journal*. 11 (1).
- 8.1.23 **Mosha, D. B.** and Lyimo – Macha, J. G. (2008). Assessment of home garden system as potential source of household income and food security in Eastern part of Uluguru Mounts in Morogoro region, Tanzania. *Journal of Continuing Education and Extension*, 3 (1) 84-95.
- 8.1.24 Mbwambo J. S., **Mosha, D. B.** and Massawe, F. A. (2008). Factors responsible for maintenance of Agro biodiversity against high yielding varieties in Uluguru Mountains, Tanzania. *Journal of Continuing Education and Extension*, 3 (1) 63 -74.
- 8.1.25 Shekiangio, J. M., Kimbi, G. G., Lyimo-Macha, J.G. and Mosha, D. B. (2008). Contribution of fertilizer management practices to food security and household income a case of Kilindi district, Tanzania. *Rural Planning Journal*. Vol. 10(2) 86-98.
- 8.1.26 Makundi, J. J, G. G.Kimbi, Kilave, D.B., and Lyimo-Macha, J. G. (2009). Assessment of factors likely to affect adoption of land management technologies: A Case of Tanga District, Tanzania. *Rural Planning Journal*. 11 (1).
- 8.1.27 Mosha, D. B. and Lyimo – Macha, J. G. (2008). Assessment of home garden system as potential source of household income and food security in Eastern part of Uluguru Mounts in Morogoro region, Tanzania. *Journal of Continuing Education and Extension*, 3 (1) 84-95.
- 8.1.28 Mbwambo J. S., Mosha, D. B. and Massawe, F. A. (2008). Factors responsible for maintenance of Agro biodiversity against high yielding varieties in Uluguru Mountains, Tanzania. *Journal of Continuing Education and Extension*, 3 (1) 63 -74.

8.2 Conference Proceedings and Extension Materials

- 8.3.1 Mtengeti, E.J, Nsenga, J. C, Mahonge, C, P., Maseki N, Challe, K and **Mosha, D.B** (2012). Potential and Limitation of Dryland Communities in Adapting to Climate Change in Mwanza District. Proceeding of the First EPINAV Scientific Conference, Hilux Hotel, Morogoro 17 - 19th December, 2012. (Page 188 – 195).
- 8.2.2 Aloyce, G., Gabagambi, D.M., Mkangwa, C.Z., Kadeng' uka, L.A, **Kilave, D. Mosha,** Lameck, M and J.P Hella (2012). Assessment of Operational Aspects of the Inputs Supply Chains under NAIVS in Tanzania. Proceeding of the First EPINAV Scientific Conference, Hilux Hotel, Morogoro 17 - 19th December, 2012. (Page 207 – 206).
- 8.2.3 Mkangwa, C.Z., Gabagambi, D.M., Kadeng'uka, L. A, Lameck, M., and **Kilave, D. Mosha,** (2012). Inputs Supply in Tanzania. Is it Demand Driven? Proceeding of the First EPINAV Scientific Conference, Hilux Hotel, Morogoro 17 - 19th December, 2012. (Page 207 – 220 - 230).
- 8.2.4 Gabagambi, D.M., Mkangwa, C.Z., Kadeng'uka, L. A, Lameck, M., and **Kilave, D. Mosha** (2012). Impact of National Agriculture Input Voucher Scheme (NAIVS) on Crop Productivity and Farmers

- Livelihoods in Tanzania. Proceeding of the First EPINAV Scientific Conference, Hilux Hotel, Morogoro 17 - 19th December, 2012. (Page 207 – 231 - 237).
- 8.2.5 Lekule, F. P., J. Lyimo-Macha., **D. B. Mosha-Kilave**, and D. D. Shayo (2014). Stories of Changes Bridging gender gaps with dairy goats and root crops. International Development Research Centre (IDRC), Crnyk.indd 4.
- 8.2.6 Sife, A. S., **D. Kilave** and J.G. Lyimo-Macha (2010). Gender stereotyping in Tanzanian Television Advertisements. Workshop Proceedings - International Gender Symposium held from 20th to 23rd January 2010 in Moi University, Eldoret, Kenya.
- 8.3.7 Wambura R.M., A.Z Mattee, Z.S.K.Mvena, D.L. Mwaseba, E.A.Lazaro, **D. Kilave** and E. Kiranga (2010). Scaling up of Agricultural Technologies in Tanzania: Strategies and Processes Workshop Proceeding for PANTIL Annual Researchers - held from 21 to 23 October, 2009, in Morogoro region.
- 8.2.8 Lyimo-Macha, J. G, D. P. Mamiro, **D. Kilave** and E. Kiranga (2009). Capacity Development on Production of Oyster Mushrooms, using re-usable Substrate Containers; Presented in Intellectual Property Rights Workshop for Innovation fund and Franchising Projects under the Technology Transfer Office, SUA held on February 17th – 18th 2009 at Amabilis Centre, Morogoro, Tanzania.
- 8.2.9 Lyimo-Macha, J. G., **D. Mosha** and A. S.Sife (2009).Workshop Proceedings of the 4th and 5th Gender Sensitization workshop for SUA staff, Morogoro, Tanzania
- 8.2.10 Lyimo-Macha, J. G. **D. Mosha**, and A.S. Sife (2008). Workshop proceedings of the Gender Mainstreaming SUA degree Programmes Curriculum for SUA staff, Morogoro, Tanzania.
- 8.2.11 **Mosha, D.** (1997) Identification of Indigenous knowledge practices by small-scale farmers in Morogoro District. A paper presented in 5th District development knowledge resource forum. VI-Agroforestry in Magu District March 7th 2004.
- 8.2.12 **Mosha, D.** (2002) Assessment of Agroforestry Homegarden Systems as Potential Source of Household Income and Food Security in Eastern part of Mount Uluguru, Morogoro Region, Tanzania. Paper presented at Annual Scientific Conference on Environmental and Sustainable Agriculture in Lake Zone Area. Held July 25th – 27th, 2004. Mwanza Hotel, Mwanza, Tanzania.29p.
9. **COMMUNITY SERVICE AND CONSULTANCY WORKS IMPLEMENTED**
- 9.1. Impact of the Participatory Irrigation Development Project (PIDP) in Central Marginal Areas, 12 Districts in Tanzania. IFAD- funded project (2002-2003). Feasibility study for agro-pastoralist societal, Mvomero and Kongwa Districts, (2011-2014)
- 9.2. Study of ILO - IPEC COMAGRIC TANZANIA. A baseline and Rapid Appraisal on the status of child labour in Korogwe district (2003).
- 9.3. Agri-systems (EA) Ltd. Northern and Central Zones. Conducted a baseline survey on Rural Financial Service Programme (RFSP); programme funded by IFAD, (2003).
- 9.4. Performance and Evaluation study on Quality Declared Seed (QDS) in 12 Districts of Tanzania; Temeke Seed Production Units- Dar-es salaam. Project funded by DANIDA, (2004).
- 9.5. Anthropological Study on Rats and Health in Lushoto (2003-2004). Contracted and funded GTZ.
- 9.6. Baseline survey on the Community Based Wildlife Conservation in Udzungwa National Park. WWF funded project, (2006).
- 9.7. Evaluation on Farmer Field Schools in Rufiji, Bagamoyo, Morogoro rural and Korogwe
- 9.8. Independent Consultant on evaluation of Capacity Development Activity for the Forum Syd Partners (Non- Government Organizations) in Morogoro Region (2007).
- 9.9. Study on Impact of Village Savings and Loan groups on Women Empowerment a case of MDLS project, Magu district, Mwanza (2006).

9.10. District Farmer Empowerment Activities Sub Component of PANTIL programme (2008- 2010).

10. WORKSHOPS/SEMINARS/CONFERENCES/SHORT COURSES/REPORTS

- 10.1. A workshop on assessment of data collection tools for RFSP - Baseline Survey, held on 9 -12 of August 2002 in Umoja Lutheran Hall, Kilimanjaro Region Life member of Tanzania
- 10.2. Workshop on Stakeholder views on priority participatory intervention measures to be taken to tackle the problem on the status of child labour in Lushoto, Muheza and Korogwe districts, December - 2002, Korogwe District Council.
- 10.3. Workshop on the Second Scientific Conference, 5th-9th, September 2002, Sokoine University of Agriculture, Morogoro, Tanzania
- 10.4. Workshop on National Strategy for Growth and Reduction of Poverty (NSGRP) held on March 30th to 2nd April 2005, in Nyakahoja Mwanza region.
- 10.5. Workshop on sharing Experiences on Community Based Conservation: A case of SUA-TU Linkage Project Activities November 27th – 28th 2001.
- 10.6. A training Workshop on Gender and Organization Development, organized by the Tanzania.
- 10.7. Workshop on Technology Transfer and Intellectual Property Rights (IPR) held on 10th January 2007, ICE Conference Hall – SUA.
- 10.8. Workshop for Mainstreaming Gender in the SUA degree programmes curricula held on 16th March 2007, in Oasis Hotel Morogoro, Tanzania
- 10.9. Gender Networking Programme (TGNP) - Dar es Salaam from 20th November to 1st December 2006.
- 10.10. The 4th Gender Sensitisation Workshop for SUA staff held Hilux Hotel held on 5th May, 2007 in Morogoro region, Tanzania.
- 10.11. Training workshop on Optimising E- Resources Usage for teaching and research, SNAL SUA, Morogoro, Tanzania 9th –14th July 2007.
- 10.12. Farmer Forum Workshop on Marketing of Agricultural Products held ICE Conference, SUA Morogoro 10th – 12th December 2007.
- 10.13. Intellectual Property Rights Workshop for Innovation fund and Franchising Projects under the Technology Transfer Office, Amabilis Centre, Morogoro, February 17th – 18th 2009
- 10.14. A consultative Workshop with NGOs on Scaling up of SUA proven technologies held on 20th February 2009, Morogoro Hotel, Morogoro.
- 10.15. Training of Trainers on SUA proven Technologies – held ICE Conference, SUA 22nd – 29th August & 29th Nov. – 4th December 2009.
- 10.16. International Gender Symposium “Gender Research Informs Practice” held on 20th - 23rd January 2010 in Moi University, Eldoret, Kenya.
- 10.17. ITOCA E-resources Training of Trainer Course held on 20th -21st May 2010; SNAL - SUA, Tanzania
- 10.18. Communicating Research for Impact and Influence - Roodevallei Hotel, Pretoria, South Africa – 10th - 17th November 2013. Organizer - International Development Research Centre (IDRC).
- 10.19. Annual Agricultural Policy Scientific Conference, 12th – 15th February 2019, New Dodoma Hotel.
- 10.20. APRA Stakeholder Feedback Sharing Workshop, 27th February 2019, Kilombero District, Morogoro

Signature:



Date: 04 April 2022