

CURRICULUM VITAE

<p>Stellah Mikalitsa Mukhovi (PhD)</p> <p>Key Roles: Trainer, Researcher & Consultant</p> <p>Nationality: Kenyan Date of Birth: 8/8/1967 Contacts: University of Nairobi, Department of Geography, Population, and Environmental Studies, PO Box 30197-Code 00100, Nairobi Kenya Tel. +254318262 Ext. 28230/ 28016 Fax: +254245566 Phone: +254-721406361 +254788227079 Email: smmukhovi@uonbi.ac.ke stellah.mukhovi@gmail.com Profile: https://profiles.uonbi.ac.ke/smmukhovi https://www.researchgate.net/profile/Stellah-Mukhovi https://www.linkedin.com/in/stellah-mukhovi-827548129/</p>	<p>Highly motivated, committed, honest, and meticulous trainer, researcher and consultant with 20 years' experience. I am a post-doc with experience in transdisciplinary research with focus on social, political, economic, and ecological issues related to food systems and agriculture.</p> <p>Summary</p> <p>Educational Background</p> <ul style="list-style-type: none"> • 2015-2020 Post doc food systems social ecological resilience • 2004-2009 PhD, Agricultural Geography, University of Nairobi • 1992-1996 Masters' Degree in Agricultural Geography, University of Nairobi • 1987-1991 Bachelor of Education (Arts), University of Nairobi <p>Work History</p> <ul style="list-style-type: none"> • Current employment status: University of Nairobi, Department of Geography, Population and Environmental Studies • 2024 -to date-Associate Professor • 2012 -2024: Senior Lecturer, • 2005-2012-Lecturer • 2001-2005: Assistant Lecturer • 1998-2001: High School Teacher employed by Kenya Teachers Service Commission
<p>Academic qualifications</p>	<ul style="list-style-type: none"> • 2019-2021 post-doc research Transformative Pilot Actions (TPAs) Food systems research

	<ul style="list-style-type: none"> • 2015-2019 Post-doc food systems social ecological resilience • 2004-2009 PhD, Agricultural Geography, University of Nairobi • 1992-1996 Masters' Degree in Agricultural Geography • University of Nairobi • 1988-1991 Bachelor of Education (Arts), University of Nairobi
Experience	<ul style="list-style-type: none"> • Chairperson and Associate Professor, Department of Geography Population & Environmental Studies, University of Nairobi • 2024 -Associate Professor • 2012 to date: Senior Lecturer • 2005-2012-Lecturer • 2001-2005: Assistant Lecturer • 1998-2001: High School Teacher employed by Kenya Teachers Service Commission
Professional membership registration	<ul style="list-style-type: none"> • Kenya National Academy of Science Member (KNAS) http://www.knascience.org • Association of Environmental Studies and Sciences (AEISS) https://aessonline.org • Mentor, Food Systems Research Network for Africa (FSNeT-Africa) https://fsnetafrica.com • Community for Applied Agricultural Sustainability Teaching (CAAST) https://caast-network.org • People for Nature Global and Africa • Associate Member Society for Development and Sustainability (ISDS)
Supervision	<p>PhD Supervised 5 PhDs</p> <p>Masters</p>

	Supervised 25 masters
Publications Journal articles	<p>Mukhovi SM, Kiteme B, Mwangi J and Wambugu G (2024) Transdisciplinary knowledge co-production as a catalyst for community-led innovation: a case study of farmers' milk cooperative in Laikipia, Kenya. <i>Front. Sustain. Food Syst.</i> 8:1494692. https://doi.org/10.3389/fsufs.2024.1494692</p> <p>Llanque, A.Z., Jacobi, J., Mukhovi, S.M., Birachi, E., Per von, G., Robeldo, A. C. (2023). The role of transdisciplinarity in building a decolonial bridge between science, policy, and practice. <i>GAIA - Ecological Perspectives for Science and Society</i>, 32, (1): pp. 107-114(8). https://doi.org/10.14512/gaia.32.1.7</p> <p>Schneider, F., Llanque-Zonta, A., Andriamihaja, O.R. <i>et al.</i> How context affects transdisciplinary research: insights from Asia, Africa and Latin America. <i>Sustain Sci</i>(2022). https://doi.org/10.1007/s11625-022-01201-3</p> <p>Mukhovi, S. and Jacobi, J. 2022. Can monocultures be resilient? Assessment of buffer capacity in two agroindustrial cropping systems in Africa and South America. <i>Agriculture & Food Security</i> (2022) 11:19 https://doi.org/10.1186/s40066-022-00356-7</p> <p>Adoyo, B.; Schaffner, U.; Mukhovi, S.; Kiteme, B.; Mbaabu, P.R.; Eckert, S.; Choge, S.; Ehrensperger, A. Pathways towards the Sustainable Management of Woody Invasive Species: Understanding What Drives Land Users' Decisions to Adopt and Use Land Management Practices. <i>Land</i> 2022, <i>11</i>, 550. https://doi.org/10.3390/land11040550</p> <p>Adoyo, B., Urs S., Mukhovi, S., Kiteme, B., Mbaabu, P., Eckert, S. Choge, S. & Ehrensperger, A. 2022. Spatiotemporal trajectories of invasive tree species reveal the importance of collective action for successful invasion management. https://doi.org/10.1080/1747423X.2022.2128914</p> <p>Jacobi, J., A. Llanque, S.M. Mukhovi, E. Birachi, P. von Groote, R. Eschen, I. Hilber-Schöb, D.I. Kiba, E. Frossard, C. Robledo-Abad, 2021. Transdisciplinary co-creation increases the utilization of knowledge from sustainable development research, <i>Environmental Science & Policy</i>, 129,(2022):107-115. https://doi.org/10.1016/j.envsci.2021.12.017</p> <p>Jacobi, J., A. Llanque , S. Bieri, E. Birachi, R. Cochard, N. Depetris Chauvin, C. Diebold, R. Eschen, E. Frossard, T. Guillaume, S. Jaquet, F. Kämpfen, M. Kenis, D.I. Kiba, H. Komarudin, J. Madrazo, G. Manoli, S.M. Mukhovi, V.T.H. Nguyen, C. Pomalègni, S. Rüegger, F. Schneider, N. TriDung, P. von Groote, M.S. Winkler, J.G. Zaehring, C Robledo-Abad, 2020.Utilization of research knowledge in</p>

sustainable development pathways: Insights from a transdisciplinary research-for-development programme. *Environmental Science & Policy*, 103(2020):21-29,

Ileri, C.W., Khroda, G., **Mukhovi**, S.M. 2021. Bivariate Based Susceptibility Mapping for Gully Erosion in Wanjoga River Catchment Upper Tana Basin, Kenya. *East African Journal of Science Technology and Innovation* 3(1). DOI: [10.37425/eajsti.v3i1.369](https://doi.org/10.37425/eajsti.v3i1.369)

Ileri, C., Khroda, G. **Mukhovi**, S. Social-Economic Threshold Factors for Gully Erosion Stabilization in Semi-Arid Environment of Wanjoga River Catchment, Upper Tana Basin, Kenya. *International Journal of Agriculture, Environment and BioResearch* Vol. 06, No. 05; 2021. <https://doi.org/10.35410/IJAEB.2021.5674>

Manoa, D.O., Mwaura, F., Thenya, T., **Mukhovi**, S. 2021. Comparative analysis of time and monetary opportunity costs of human-wildlife conflict in Amboseli and Mt. Kenya Ecosystems, Kenya,. *Current Research in Environmental Sustainability*,3(2021), 100103, <https://doi.org/10.1016/j.crsust.2021.100103>

Manoa, D., Mwaura,F., Thenya,T.,Mukhovi. 2020. A Review of the Visible and Hidden Opportunity Costs of Human-Wildlife Conflict in Kenya. *Journal of Biodiversity Management & Forestry*. 2020, 9:2 DOI: [10.37532/jbmf.2020.9\(2\).228](https://doi.org/10.37532/jbmf.2020.9(2).228)

Llanque, A., Jacobi, J., Tribaldos, T., **Mukhovi**, S. ., Silvestre, C. ., Tecchio, A. ., Fernandez, L. ., Delgado, F. ., Kiteme, B. ., Maluf, R. ., Bessa, A. ., Speranza, C. I. ., & Rist, S. . (2021). Transformations Towards Food Sustainability Using the Participatory Food Sustainability Assessment Framework (FoodSAF). *Social Innovations Journal*, 5. <https://socialinnovationsjournal.com/index.php/sij/article/view/695>

Wabwire, E., **Mukhovi**, S., Nyandega, I. 2020. The Perception of Rural Households on Climate Change Effect on Rural Livelihoods in Lake Victoria Basin. *Ghana Journal of Geography* 12 (2): 62- 83. <https://dx.doi.org/10.4314/gjg.v12i2.3>

Jacobi, J., **Mukhovi**, S., Llanque, A., Giger, M., Bessa, A., Golay, C., Ifejika Speranza, C., Mwangi, V., Augstburger, H., Buergi-Bonanomi, E., Haller, T., Kiteme, B. P., Delgado Burgoa, J. M. F., Tribaldos, T., & Rist, S. (2020). A new understanding and evaluation of food sustainability in six different food systems in Kenya and Bolivia. *Scientific Reports*, 10(1), 19145. <https://doi.org/10.1038/s41598-020-76284-y>

Mukhovi, S., Jacobi, J., Ifejika Speranza, C., Rist, S., & Kiteme, B. (2020). Learning and Adaptation in Food Systems: Insights from Four

Case Studies in the Global South. *International Journal on Food System Dynamics*, 11(4), 312–328.

Ayuyo, I., Krhoda, G., **Mukhovi**, S., Nyandega, I. 2020. Temporal Variations in Rainfall and Temperature and their Effects on the River Discharge in the Mara River Basin. *East African Journal of Science Technology and Innovation* 2(1)1-23 DOI:[10.37425/eajsti.v2i1.215](https://doi.org/10.37425/eajsti.v2i1.215).

Mukhovi, S., Jacobi, J., Llanque, A., Rist, S., Delgado, J. M.F., Kiteme, B. Ifejika S.C. 2020. Social Self-Organization and Social-Ecological Resilience in Food Systems: Lessons from Smallholder Agriculture in Kenya and Indigenous Guaraní Communities in Bolivia. *Food Studies: An Interdisciplinary Journal* 10 (1): 19-42. DOI:[10.18848/2160-1933/cgp/v10i01/19-42](https://doi.org/10.18848/2160-1933/cgp/v10i01/19-42)

Jacobi, J., **Mukhovi**, S., Llanque, A., Augstburger, H., Käser, F., Pozo, C., Ngutu Peter, M., Delgado, J. M. F., Kiteme, B. P., Rist, S., & Ifejika Speranza, C. (2018). Operationalizing food system resilience: An indicator-based assessment in agroindustrial, smallholder farming, and agroecological contexts in Bolivia and Kenya. *Land Use Policy*, 79, 433–446. <https://doi.org/10.1016/j.landusepol.2018.08.044>

Manoa D.O., Mwaura F., Thenya, T., **Mukhovi**, S. 2020. Comparative analysis of the typology, seasonality and economic cost of human-wildlife conflict in Kajiado and Laikipia Counties, Kenya. *East African Journal of Science, Technology and Innovation*, Vol. 1 (4). DOI <https://doi.org/10.37425/eajsti.v1i4.188>

Jacobi, J., **Mukhovi**, S., Llanque, A., Toledo, D., Ifejika S.C., Käser, F.D., Augstburger, H. F. Delgado, J.M.F., Kiteme, B., Rist, S. 2019. Actor-specific risk perceptions and strategies for resilience building in different food systems in Kenya and Bolivia. *Reg Environ Change* 19, 879–892 (2019). <https://doi.org/10.1007/s10113-018-1448-x>

Yamane, Y., Y. Ichijo, J. Kularatne, K. Ito, B.P.O. Owilla and. S. **Mukhovi** 2018. Comparison of Water Management and Rice Production among Farmer Groups in Large- and Small- Scale Irrigation Schemes: A Case Study of Rice cultivation Near Lake Victoria in Western Kenya. *Agricultural Research and Technology* 19 (2) DOI:10.19080/ARTOAJ.2019.18.5560864

Simotwo, H.K., **Mukhovi**, S.M. & Wambua, B.N. Climate change adaptive capacity and smallholder farming in Trans-Mara East sub-County, Kenya. *Geoenviron Disasters* 5, 5 (2018). <https://doi.org/10.1186/s40677-018-0096-2>

Shah, P. and Mukhovi, S.M. 2019. Benefits of protected areas to adjacent communities. The Case of Maasai Mara National Reserve In Kenya. *Africa Journal of Physical Sciences Vol. 3, pp. 1-12, February 2019* <http://journals.uonbi.ac.ke/index.php/ajps/index> ISSN 2313-3317

<p>Book Chapter</p> <p>Manual</p> <p>Conference papers</p>	<p>Mukhovi, S.M. 2015. Intrahousehold Allocation, Household Headship and Nutrition of Under-Fives: A Study of Western Kenya. <i>African Journal of Food, Agriculture, Nutrition and Development</i> 15(1):2015</p>
	<p>Kiteme, B. and Mukhovi, S. 2016. The Potential of Transdisciplinarity in a Food Systems Sustainability Research in Kenya, In Freddy Delgado and Stephan Rist (Ed) Ciencias dialogo de Saberes y transdisciplinariadad AGRUCO, La paz, Bolivia.</p>
	<p>Rist, S., Delgado, F., Mukhovi, S., Giger, M., Llanque, A., Bürgi, E., ... & Jacobi, J. (2021). Manual for Participatory Food System Sustainability Assessments and Transformation (FoodSAT)–Steps towards Food Democracy. Centre for Environment and Development, University of Bern, Switzerland.</p>
	<ol style="list-style-type: none"> 1. Llanque A.Z., Jacobi, J.,Mukhovi, S.M., Birachi,E., Groote,V.,Robledo,C.Co -creation of knowledge in transformative process towards sustainability, International Transdisciplinarity Conference, Sept 2021 ,Virtual 2. Mukhovi, S.M,Kiteme, B.,Mwangi,J.,Wambugu,G. Food system transformation through community-led innovations: The case of a smallholder farming community in Makueni County, Kenya. Association of Environmental Studies and Sciences (AEISS) annual conference on Community, Commitment, Collaboration; Moving towards a Just Future June 28th-July 1st 2021 Virtual conference. 3. Mukhovi, S., From Research to Action: Participatory Transformation and Sustainability of Farmers Milk Cooperative in Smallholder Community in Laikipia, Kenya. 8th World Sustainability Forum, 15th-17th September 2020, Virtual Conference. 4. Mukhovi, S.M. Social-Ecological Resilience of Agro-Industrial Food System in Mount Kenya Region. Workshop ‘Science meets Business’ – Logistics and Retail of Fresh Fruit and Vegetables in Kenya and Tanzania, October 11-12, 2018, Nairobi Safari Club, Nairobi.

	<ol style="list-style-type: none"> 5. Mukhovi, S.M. Buffer capacity of food systems in Northwest Mt. Kenya region. World Mountain Forum, Bishkek, Kyrgyzstan, 23-26 October 2018. 6. Mukhovi, S.M., Jacobi, J. Social self-organisation of different food system actors in Kenya and Bolivia: Lessons for resilience and sustainability. International Conference on Research and Development, Bern, Switzerland, 5th-8th September 2017. 7. Mukhovi, S.M. Towards Food Sustainability: reshaping the coexistence of different food systems in South America and Africa. FAO 1st Global Conference on Sustainable Food Systems for All Pretoria, South Africa 21-23rd June 2017. 8. Mukhovi, S.M. Reflecting on the past: Diverse agroecology practices/perspective and integration into agricultural production. Word Food Day events. University of Pretoria, 12th-14th October 2022
Research funds	<ul style="list-style-type: none"> • 2021-2028: Nairobi City Co-Investigator, Social Sciences and Humanities Research Council of Canada (SSHRC)-funded Migration and Food Security in the Global South (MiFood) Project in collaboration with Balsillie School of International Affairs, Wilfrid Laurier University. 90,000 USD 5 MA students • 2023-2024: Co-Principal Investigator, The Impact of Covid-19 on Women Informal Food Vendors in Nairobi's Informal Settlements (MiFood Network Project). In collaboration with Balsillie School of International Affairs, Wilfrid Laurier University. Funded by SSHRC Partnership Grant. • 2021 Virtual Food Sustainability Academy (VFSA)(27000CH) funded by Swiss National Science Foundation (SNF). A consortium of five institutions: University of Nairobi, University of Bern, National University of Colombia, COMPAS (Bolivia), and University of Nigeria, Nsukka. We trained 16 students. We trained 16 students from Kenya, South Africa and South Sudan and Ethiopia • 2017-2021: Collaborator, International Development Research Centre (IDRC)-funded Urban Food Systems Governance for Non-Communicable Diseases Prevention (Nourishing Spaces) Project (31763 USD) in Cape Town, Kimberly (South

	<p>Africa), Windhoek, Oshakati (Namibia), Kisumu and Nairobi (Kenya), in collaboration with African Centre for Cities, University of Cape Town.</p> <ul style="list-style-type: none"> • 2015-2020: Collaborator, SSHRC and IDRC-funded Hungry Cities Partnership (HCP) Project in Cape Town (South Africa), Bangalore (India), Kingston (Jamaica), Maputo (Mozambique), Mexico City (Mexico), Nairobi (Kenya) and Nanjing (China), in collaboration with Balsillie School of International Affairs, Wilfrid Laurier University and African Centre for Cities, University of Cape Town. • 2015-2017: Post-doctoral fellowship in the research project; Towards Food Sustainability: Reshaping the Coexistence of Different Food Systems in South America and Africa Food systems. My research was on food systems' social-ecological resilience and the project was funded by the Swiss National Science Foundation (SNF) (Money channelled through CETRAD) • 2018-2020: Second Post-doctoral fellowship in Phase two of the same project working on Transformative Pilot Actions (TPA) in Kenya and Zambia also funded Swiss National Science Foundation (SNF) • 2019-2020: Principal investigator in collaboration with University of Bern, The r4d synthesis project on "Utilisation of research knowledge in transformative pathways. We synthesized all the r4d projects assessing their contribution to sustainable development transformations. The project was funded by SNF and managed from University of Bern.
<p>Administrative position</p>	<ul style="list-style-type: none"> • Chairperson Department of Geography, Population and Environmental Studies (2025-2028)
<p>Referees:</p> <p>Prof. Evarastus Irandu, University of Nairobi, Department of Geography, Population, and Environmental Studies</p> <p>Prof. Francis Mwaura, University of Nairobi, Department of Geography, Population, and Environmental Studies</p>	

