

**SOKOINE UNIVERSITY OF AGRICULTURE (SUA)
FACULTY OF SCIENCE**



SUA-CURRICULUM VITAE

1.0. PERSONAL PARTICULARS

1.1. Personal history

1.1.1 Name:	MSAFIRI YUSUPH MKONDA
1.1.2 Sex:	MALE
1.1.3 Date of Birth:	15 TH JUNE 1981
1.1.4 Nationality:	TANZANIAN
1.1.5 Marital Status:	MARRIED
1.1.6 Designation	LECTURER

1.2. ADDRESSES

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1.3. ACADEMIC QUALIFICATION

- 1.3.1** PhD graduate in Agricultural Resources and Environment: Centre of Excellency for Soil Biology, College of Resources and Environment, Southwest University, China (from Sept. 2015 to June 2018). The research interests are soil carbon and fertility, plant nutrition, sustainable agriculture, sustainability, climate change, nutrient use efficiency, yields optimization and food security in semi-arid and tropical climates.
- 1.3.2** MSc. (1st Class Hons, Natural Resources Assessment and Management) at the University of Dar es Salaam, Tanzania. From 2009-2012.
- 1.3.3** Bachelor of Education Degree (Upper 2nd Class Hons, Geography and Education) at the University of Dar Es Salaam, Tanzania. From 2003 to 2007 (Four Years).
- 1.3.4** An Advanced Certificate for Secondary Education (1st Division) at Mtwango High School from 2000 to 2002.

1.3.5 An Ordinary Certificate for Secondary Education (2nd Division) at Tosamaganga Secondary School from 1996 to 1999.

1.4 EMPLOYMENT RECORD AT SUA

1.4.1 Lecturer: From July 2015 to date; in the Department of Geography and Environmental Studies (DGES) teaching; Environmental Education and Conservation, Quantitative Methods in Geography, Introduction to Physical Geography, Spatial Organization, Population Studies, Population and Development courses.

1.4.2 Assistant Lecturer: From July 2010 to June 2015, in the department of Physical Sciences teaching; Introduction to Physical Geography, Spatial Organization, Population Studies, Population and Development, Introduction to Environmental Education, Environmental Education and Conservation, and Quantitative Methods in Geography courses.

1.4.3 Tutorial Assistant: From August 2008 to June 2010, in the department of Physical Sciences teaching; Introduction to Physical Geography, Spatial Organization, Population Studies and Introduction to Environmental Education courses.

1.5 PREVIOUS EMPLOYMENT

1.5.1 Academic Officer II (CBE-Dodoma): From May to August 2008: The key responsibilities were: Handling all academic matters including the sealing of all semester examinations at college level.

1.5.2 Academic Officer Grade II/Tutor: From July 2007 to May 2008) at Korogwe Teachers College. I was teaching geography content and its pedagogy, educational psychology, educational media as well as educational curriculum and teaching.

1.6 OTHER PROFESSIONAL ACTIVITIES

1.6.1 From 2015-2018: Research Assistant, Southwest University, China.

1.6.2 From 2012 to 2015: Research Assistant on the Project '*Climate Change Resilience on the Maize and Rice crops in the Rufiji Basin. A case of Kilombero and Kilosa Districts, Tanzania. The project was funded by USAIDS*'.

1.6.3 From 2012 to 2015: Supervision of Special Projects (SP) to 25 BSc. students of Sokoine University of Agriculture.

1.6.4 From August-Sept 2014: Field supervision of 33 student-teachers in the teaching practices in Morogoro region.

- 1.6.5** From August-Sept 2014: Field supervision of 31 students-teachers of Sokoine University of Agriculture in the teaching practices in Arusha Region.

1.7 Membership to Boards and Committees

- 1.7.1** A member of Sokoine National Library Committee-SUA from 2018 to 2021.
- 1.7.2.** Member of Sokoine University Academic Staff Assembly (SUASA)
- 1.7.3** Member of International Sustainable Development Strategy (ISDS) Japan, from 2014-present. Membership ID: M1500596.
- 1.7.4** Editorial member: Pyrex Journals of Agricultural Research (2016-present)
- 1.7.5** Peer Review: International Journal of Climate Change Strategies and Management, (2017-)
- 1.7.6** Peer Review: Development Southern Africa Journal (2017-)
- 1.7.7** Peer Review: International Journal of Plant and Soil Sciences-Science Domain International (SDI), (2016-).
- 1.7.8** Peer Review: Journal of Geography, Environment and Earth Science International (SDI), (2016-)
- 1.7.9** Peer Review: Asian Journal of Agricultural Extension, Economics & Sociology-(SDI), (2016- present)
- 1.7.10** Peer Review: Environment and Ecology Research (2017-)
- 1.7.11** Peer Review: British Journal of Applied Science & Technology- (SDI), (2017-).
- 1.7.12** Peer Review: Asian Journal of Arts & Social Sciences (2017-)
- 1.7.13** Peer Review: Journal of Agriculture and Ecology Research International-SDI (2017-).
- 1.7.14** Editorial Board Member: American Journal of Environmental Science and Engineering (Science Publishing Group) 2017-.
- 1.7.15** Editorial Board Member: SRIePRINTS Journals (Scientific Research International).
- 1.7.16** Editorial Board Member: Annual Research & Review in Biology (SDI) 2017-2021.
- 1.7.17** Editorial Board Member: International Journal of Aquaculture Research and Development, 2017-2019.
- 1.7.18** Editorial Board Member: International Journal of Agronomy Research, 2017-2019.
- 1.7.19** British Ecological Society (Membership No. 1011584).
- 1.7.20** Peer reviewer: Agronomy for Sustainable Development (ASD).
- 1.7.21** Peer reviewer: Journal of Soil and Water Conservation.

2.0. HONOURS AND AWARDS

- 2.1. Excellent Graduate Student Award-SWU (May 2018).
- 2.2. Outstanding International Student Award by Chinese Government Scholarship (CSC), 2017 (worth RMB 30,000/USD 5000).

- 2.3. Excellent Student Award (The Best Doctoral Student), Southwest University, China, 2017 (worth RMB 3,000/USD 500).
- 2.4. Chinese Government Scholarship for Doctoral studies, Southwest University, China, 2015.
- 2.5. PhD. Research Grant funded by China Scholar Council International PhD Program, 2015 (worth USD 5200).
- 2.6. Outstanding Young Scholar Award in 2017 by the XIX International Botanical Conference (IBC 2017).
- 2.7. Outstanding Young Scholar Award in 2017 by International Congress of Ecology (INTECOL 2017).
- 2.8. 7th International Crop Science Congress (7th ICSC), August 14–19, 2016 in Beijing, China (Invited for oral presentation).
- 2.9. Award for the 3rd World Young Earth Scientist Congress, 2014
- 2.10. Ministry of Education, Science and Technology Scholarship for MSc. Degree, University of Dar es Salaam, Tanzania, 2009-2012.
- 2.11. Among the best students in MSc. NARAM in 2012 at UDSM.
- 2.12. Among the best students in Geography at UDSM (2006).

2 PUBLICATIONS

3.1 Published Journal Papers:

- 3.1.1 **Mkonda, M.Y.,** He, XH. (2018). Agricultural History Nexus Food Security and Policy Framework in Tanzania. *Agriculture and Food Security* 7(1). DOI: 10.1186/s40066-018-0228-7
- 3.1.2 **Mkonda, M.Y.,** He, XH., Festin, E.S. (2018). Comparing Smallholder Farmers' Perception of Climate Change with Meteorological Data: Experiences from Seven Agro-ecological Zones of Tanzania. *Weather, Climate and Society*. Vol. 10 (3). Doi: 10.1175/WCAS-D-17-0036.1.
- 3.1.3 **Mkonda, M.Y.,** He, XH. (2018). Accumulation of Soil Organic Carbon and the Related Variables under Organic and No-fertilizations, and its influence to crop yields in Tanzania's Semi-arid Agro-ecological Zone. *Ecosystem Health and Sustainability*. Vol. 4(2). Doi:10.1080/20964129.2018.1463146.
- 3.1.4 **Mkonda, M.Y.,** He, XH. (2018). Climate Variability, Crop Yields and Ecosystems Synergies in Tanzania's Semi-arid Agro-ecological Zone. *Ecosystem Health and Sustainability*. Vol. 4 (3). Doi: 10.1080/20964129.2018.1459868.
- 3.1.5 Hong, Z., **Mkonda, M.Y.,** He, XH. (2018). Conservation Agriculture for Environmental Sustainability in A Semi-arid Agro-ecological Zone under Climate Change Scenarios. *Sustainability*. Vol. 10 (5), 1430; Doi: 10.3390/su10051430.
- 3.1.6 **Mkonda, M.Y.,** He, XH. (2018). Vulnerability Assessment of the Livelihoods in Tanzania's Semi-Arid Agro-Ecological Zone under Climate Change Scenarios. *Climate*. Vol. 6 (27). Doi: 10.3390/cli6020027.
- 3.1.7 **Mkonda, M.Y.,** He, XH. (2017). Are Rainfall and Temperature Really Changing? Farmer's Perceptions, Meteorological Data, and Policy

- Implications in the Tanzanian Semi-Arid Zone. *Sustainability*, Vol. 9(8), 1412. Doi: 10.3390/su9081412.
- 3.1.8 **Mkonda, M.Y.**, He, XH (2017). Yields of the Major Food Crops: Implications to Food Security and Policy in Tanzania's Semi-arid Agro-ecological Zone. *Sustainability*, Vol. 9(8), 1490. Doi:10.3390/su9081490.
- 3.1.9 **Mkonda, M.Y.**, He, XH. (2017). The Potentials of Agroforestry Systems in East Africa: A Case of the Eastern Arc Mountains of Tanzania. *IJPSS*, 14(3): pp 1-11. Doi:10.9734/IJPSS/2017/31299.
- 3.1.10 **Mkonda, M.Y.**, He, XH. (2017). The Emerging Population Increase and Its Environmental Challenges and Remedies in Iringa Municipal, Tanzania. *JGEESI*, 9(2): pp 1-11. Doi:10.9734/JGEESI/2017/31072.
- 3.1.11 **Mkonda, M.Y.**, He, XH. (2017). Sustainable Environmental Conservation in East Africa through Agroforestry Systems: A Case of the Eastern Arc Mountains of Tanzania. *International Journal of Sustainable and Green Energy* 6(4): 49-56. Doi:10.11648/j.ijrse.20170604.11.
- 3.1.12 **Mkonda, M.Y.**, He, XH. (2017). Tanzanian Controversy on Resources Endowments and Poverty. *Environment and Ecology Research*, 5(1): 29-37, Doi: 10.13189/eer.2017.050104.
- 3.1.13 **Mkonda, M.Y.**, He, XH. (2016). Efficacy of Transforming Agriculture for Survival to Commercial Agriculture through 'Kilimo Kwanza' Initiative in Tanzania. *Natural Resources and Conservation* 4(4): 43-50. Doi: 10.13189/nrc.2016.040401.
- 3.1.14 **Mkonda, M.Y.**, He, XH. (2016). Stocks and Ecological Significance of Soil Carbon in Tanzania. *Natural Resources and Conservation* 4(3): 42-51. Doi: 10.13189/nrc.2016.040302.
- 3.1.15 **Mkonda, M.Y.**, He, XH. (2016). Production Trends of Food Crops: Opportunities, Challenges and Prospects to Improve Tanzanian Rural Livelihoods. *Natural Resources and Conservation* 4(4): 51-59. Doi: 10.13189/nrc.2016.040402.
- 3.1.16 **Mkonda, M.Y.** (2016). The Political Ecology of Peasant-Herder Conflict in Mvomero District, Tanzania. *Journal of Advance in Social Science and Humanities*. Cross Ref Doi: <http://dx.doi.org/10.15520/jassh212153>.
- 3.1.17 **Mkonda, M.Y.**, Ezekiel, J., Minja, G. (2016). Effectiveness of Integrated Water Resource Management in Water Resource Conservation: A Case of Pangani River Basin in Moshi, Tanzania. *Studies in Social Sciences and Humanities, Research Academy of Social Science*. Vol. 4, No. 2, 2016, 53-70.
- 3.1.18 **Mkonda, M.Y.** (2016). Assessment of Water Shortage and Its Implications to Community Development in Sikonge District, Tanzania. *Journal of Social Economics, Research Academy of Social Science*, Vol. 3, No. 2, 2016, 73-81.
- 3.1.19 Steven, S., **Mkonda, M.Y.** (2015). Climate Variability Impacts Diseases and Human Health: The Case of Morogoro Municipalities, Tanzania. *Archives of Business Research*, 3(5), 78-90. Doi: 10.14738/abr.35.1535.

- 3.1.20 Mkonda, M.Y. (2015). Vulnerability of Climate Change and Adaptation Strategies on Agriculture: The case of Morogoro Municipalities, Tanzania. *Global Advanced Research Journal of Agricultural Science*, Vol. 4(10) pp. 725-734.
- 3.1.21 Mkonda, M.Y. (2015). Assessment of Water Shortage and its Implications to Gender Role in Semi-arid Areas in Mvumi Ward, Dodoma in Tanzania. *Arts Social Sci J*. 6: 142. Doi:10.4172/2151-6200.1000142.
- 3.1.22 Mkonda, M.Y. (2014). Temporal Rainfall and Temperature Trends, Impacts in Agriculture, and Adaptations that Respond to Local Conditions in Mvomero District, Tanzania. *Journal of Research on Humanities and Social Science*, IITE journal. Vol. 4, No. 12. Pp. 36 – 48.
- 3.1.23 Mkonda, M.Y. (2014). Rainfall Variability and Its Association to the Trends of Crop Production in Mvomero District, Tanzania. *European Scientific Journal* Vol. 10, No. 20. Pp 263 – 273.

3.2 Books/Book Chapters

- 3.2.1 **Mkonda, M.Y.**, He, XH. (2017). Conservation Agriculture in Tanzania. In: *Sustainable Agriculture Reviews* 22, 309-324. Lichtfouse ed., Springer International Publishing, Switzerland.
- 3.2.2 **Mkonda, M.Y.**, He, XH. (2017). Long-Term Chemical Fertilization in Tanzania. In: *Sustainable Agriculture Reviews* 25, 261-276. Lichtfouse ed., Springer International Publishing, Switzerland.
- 3.2.3 **Mkonda, M.Y.**, He, XH. (2018). Soil Quality and Agricultural Sustainability in Tanzanian Semi-arid Agro-Ecological Zone “*Waste Recycling and Fertilisation*” In: *Sustainable Agriculture Reviews* 32: 229-246. Lichtfouse ed., Springer International Publishing, Switzerland.

3.3 Compendium:

Tegeje, A.J., **Mkonda, M.Y.** (2013). Spatial Organization. The geography core course for the First Year BSc. Education (GM&GB)

3.4 Accepted Manuscripts

Nil.

3.5 Submitted Manuscripts

- 3.5.1 **Mkonda, M.Y.**, He, XH. (2018). Are Rural Farmers Changing Their Farming systems to respond the climate change impacts? Evidence from Tanzania. *Climate and Development* (Under review).
- 3.5.2 Mkonda, M.Y. (2018). A Novel Assessment of the Impacts, Vulnerability and Adaptation of Climate Change in Eastern Africa. *Journal of East African Studies* (Under review).

Referees

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