

Recent publications Moses Mwangi

1. Abel N. Mayaka , Dickson Andala , Kezia N. Ngugi , **Moses Mwangi** (2017) *Design of an Ecosan Toilet Model for Kenyan Schools*, The 3rd KESSA International and Interdisciplinary Conference, held at Multimedia University of Kenya Hotel, June 22-25, 2016 Nairobi, Kenya. Pp. 366-374. ISBN: 978-9966-1933-9-1.
2. Abel, N. Mayaka, D. Andala, **M. Mwangi** and K. N. Ngugi (2018) "Improved Design of Ecosan Toilets and their Impact on the Economy and Environment in Kenya," *2018 World Engineering Education Forum - Global Engineering Deans Council (WEEF-GEDC)*, 2018, pp. 1-6, Doi: 10.1109/WEEF-GEDC.2018.8629731.
3. Duker, Annelieke; Hago, Eyasu Yazew; Hussey, Stephen; Hulshof, Mieke; Lasage, Ralph; **Mwangi, Moses** and van der Zaag, Pieter (2018) *Nature-Based Water Storage in Dry Rivers in Africa*, The United Nations World Water Development Report.
4. Evelyn J. Mutunga, Charles K. Ndungu, **Moses Mwangi**, and Patrick, C. Kariuki (2020) *Modelling Determinants of Farmers' Choice of Adaptation Strategies to Climate Variability and Extreme Events in Kitui County*, International Journal of Environment, Agriculture and Biotechnology, 5(6) Nov-Dec, 2020.
5. Evelyn J. Mutunga, Charles K. Ndungu, **Moses Mwangi**, and Patrick, C. Kariuki (2021) *Food Insecurity Coping Strategies and Determinants of Households' Choice of Specific Coping Strategies in Kitui County, Kenya*, Journal of Food Security, 2021, Vol. 9, No. 2, 36-45.
6. Kalungu J, Filho WL, **Mwangi, M** (2013), "Responding to Food Production Challenges in the Face of Global Warming at Community Level in Kenya: The role of a local University: in Behnassi, Mohamed; Pollmann, Olaf; Kissinger, Gabrielle (Eds.) (2013), 'Sustainable Food Security in The Era of Local and Global Environmental Change' 2013, pp 231-241, Springer.
7. Keziah Ngugi, **Moses Mwangi** (2017) Assessment of Options for Meeting Food Security in Mandera County Kenya, *Developing Country Studies Journal*, ISSN 2224-607X (Paper) ISSN 2225-0565, Vol.7, No.2, 2017.
8. **Mwangi, M** and Rutten, M (2011) "From State to Community-Based Water Resources Governance: Do Water Reforms in semi-arid Kenya Lead to Improved Access?" paper presented at the 3rd International Congress (Smallwat11): Wastewater in Small Communities, Towards the Water Framework Directive (WFD) and the Millennium Development Goals (MDG)", Seville, Spain, 25 to 28 April 2011.
9. **Mwangi, Moses** (1990) 'Water Development in Kajiado District: Personal Remarks', in: van Klinken, M.K. and ole Seita, J. (eds.) *The Future of Maasai Pastoralists (Kenya)*, Proceedings of a Conference held in Brachenhurst Baptist International Conference Centre Limuru, Kenya, May 28-31 1989, ASAL Programme, Kajiado, pp. 114-119.
10. **Mwangi, Moses** (1991): Alternatives to Boreholes: Some Thoughts, Paper presented at the Workshop on the Kajiado District Boreholes Survey, Namanga, Kenya, March 25-26, ASAL Programme, Kajiado, Kenya.

11. **Mwangi, Moses (2020)** *Vanishing Knowledge in Water Resources Development and Management in the Arid and Semi-Arid Lands (ASALs) of Kenya*, Africa Knows! Conference, Africa Studies Center, Leiden University, The Netherlands.
12. **Mwangi, Moses (2021)** *Selling Water to Buy Hydrologic Drought in the Rangelands: A Conspiracy between Covid-19 and Education*, Paper Presented at the International Conference on Innovation and Technology for Sustainable Development, 3rd to 5th November, 2021, Murang'a University.
13. **Mwangi, Moses** and Rutten, Marcel (2012) *Faces of Water Poverty in the Arid and Semi-Arid Lands of Kenya: Is Climate Change or Globalisation the Major Challenge?* NASACKNAW Conference on "Water Management Issues in Africa" 28-31 March 2012 in Reduit, Mauritius.
14. **Mwangi, Moses** and Marcel Rutten (2012) *'Water Innovations among the Maasai Pastoralists of Kenya: The Role of Outside ~Interventions in the Performance of Traditional Shallow Wells'* In: Jan-Bert, Andre Leliveld, and, Iva Pesa, *Transforming Innovations in Africa: Explorative Studies on Appropriation in African Societies*, Pages: 257–273, African Dynamics Series, Volume II, Brill, Leiden.
15. Mwendu, F.N., Charles Ndung'u, **Moses Mwangi** and Patricia Mwendu (2022) *'Biophysical Vulnerability of Fish Farmers to Climate Variability and Extreme Events in Arid and Semi-Arid Lands of Kitui County, Kenya'* *International Journal of Current Microbiology and Applied Sciences*, ISSN: 2319-7706 Volume 11 Number 09 (2022).
16. Mwendu, F.N., Charles Ndung'u, **Moses Mwangi** and Patricia Mwendu (2023) *'Socio-economic Vulnerability and Adaptations of Fish Farmers to Climate Variability and Extreme Climate Events in Selected Parts of Kitui County, Kenya'* *African Journal of Climate Change and Resource Sustainability*, Volume 2, Issue 1, 2022, 13-2.
17. Mwia, Rose Catherine, Kitheka, Johnson U and **Mwangi, Moses** (2017) *Assessment of the Effects of Deforestation on Springs: A Case Study of Nuu/Mutaithe Hills Springs in Kitui County*, *International Journal of Science and Research (IJSR)*, Volume 6 Issue 1, January 2017.
18. Ndungu, Charles Kimani and **Moses Njuguna Mwangi** (2022) *"Factors Influencing Farmers' Adaptations to Climate Change and Variability in Arid and Semi-Arid Lands of Kitui and Kajiado Counties, Kenya"* *African Journal of Climate Change and Resource Sustainability* 2 (1), 28-41.
19. Oruma, Samuel Kipampi, Kitheka, Johnson U and **Mwangi, Moses** (2017) *The Study of the Effects of Mau Catchment Degradation on the Flow of the Mara River, Kenya*, *Journal of Environmental and Earth Science* Vol.7, No 2 (2017).
20. Otteng, O., Wenje, P., Kiptoo, M., Anyonje, L., & **Mwangi, M.** (2020), *Using the Health Belief Model to Identify Communication Needs in the Male Circumcision Campaigns to Prevent HIV/AIDS in Siaya County of Kenya*, *Advances in Social Sciences Research Journal*.
21. Philip K Mwendwa, Johnson U Kitheka, **Mwangi, Moses**, Otieno Hesbon (2019) *'The Impacts of Water Abstraction in Tropical Rivers: A Case of South West Upper Tana Basin, Kenya'*, *Journal of Environment and Earth Science*, ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online) Vol.9, No.5, 2019.
22. Philip K Mwendwa, Johnson U Kitheka, **Mwangi, Moses**, Otieno, Hesbon (2019) *'The Drivers of Water Abstraction and River Water Diversion in Tropical Rivers: A Case of South West Upper Tana Basin, Kenya'*, *International Journal of Hydrology*, Volume 3 Issue 2 – 2019,

23. Rutten, M. & **M. Mwangi** (2013) Do Geopolitical and Historical Contexts in Explaining Conflicts over Natural Resources Really Matter? An Example from Africa, ASC Info Sheet 15, Leiden University, The Netherlands.
24. Rutten, Marcel & **Moses Mwangi** (2016) *Wives-For-Hire - Revealing the Practice of Imposing Fake Wives in Dispossessing Family Land in Africa*, Working Paper No 5, Africa Studies Centre, Leiden University, The Netherlands.
25. Rutten, Marcel & **Moses Mwangi** (2017) *The Land Broker – The Underrated Role of the Broker in Land Transfers in Africa*, Cocoon Initiative Kenya Working Paper No 4, Africa Studies Centre, Leiden University, The Netherlands.
26. Rutten, Marcel and **Moses Mwangi** (2012) ‘*Mobile Cash for Nomadic Livestock Keepers: The Impact of the Mobile Phone Innovation (M-Pesa) on Maasai Pastoralists*’ in Gewalt, Jan-Bart, Andre Levelveld and Iva Pesa (Eds) *Transforming Innovations in Africa: Explorative Studies on Appropriation in African Societies*, Brill, Leiden.
27. Rutten, Marcel and **Mwangi, Moses** (2014) ‘*How Natural is Natural? Seeking Conceptual Clarity over Natural Resources and Conflicts*’ in Bavinck, Marrenten; Pellegrini, Lorenzo and; Mostert, Erik (Eds) (2014) *Conflicts over Natural Resources in the Global South: Conceptual Approach*, CRC Press.
28. Wachieni, L. N. Jackson Ndolo Muthini, Charles K Ndungu and **Moses Mwangi** (2022) ‘*The Influence of Information Security Management on Operational Performance of Humanitarian Value Chains in Arid and Semi-Arid Lands of Kenya*’, *International Journal of Supply Chain and Logistics*, ISSN 2520-3983, Vol. 6, Issue No.3, pp 61 - 68, 2022.
29. Wens, Marthe L.K., **Moses N. Mwangi**, Anne F. van Loon and Jeroen C.J.H. Aerts (2021) ‘*Complexities of Drought Adaptive Behaviour: Linking Theory to Data on Smallholder Farmer Adaptation Decisions*’ *International Journal of Disaster Risk Reduction*.
30. Wens, Marthe; Isis, Veldkamp, Ted Elize; **Mwangi, Moses**; Johnson, J Michael; Lasage, Ralph; Haer, Toon and; Aerts, Jeroen C.J.H. (2020) ‘*Simulating Small-scale Agricultural Adaptation Decisions in Response to Drought Risk - An Empirical Agent-based Model for Semi-arid Kenya*’ *Journal of Frontiers in Water*.