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MWENGE CATHOLIC UNIVERSITY (MWECAU)



FOURTH MWECAU INTERNATIONAL CONFERENCE 25 JULY 2022, MOSHI KILIMANJARO, TANZANIA

Theme: Climate-Smart Solutions for Tropical Mountain Environments: Research, Innovation and Policy for Building Inclusive and Resilient Societies

PROVISIONAL CONFERENCE PROGRAMME

Opening

Day 1: Monday 25 July 2022

Plenary with Introductory Remarks and Keynote Speeches

Venue: Conference (Hall 1)

Chairperson: Prof. Dr. Revocatus Machunda

Rapporteur: Dr. Emmanuel Mogusu

Time (hrs)	Event	Venue	Responsible
0800–0900	Conference Registration	Bishop Amedeus Msarikie Learning Resource Centre (BAMLRC) Secretarial Room 1	Organising Committee & All Participants
0900 – 0915	Introduction and Welcoming Remarks	BAMLRC Hall 1	Chairperson, Organising Committee
0915–0930	Remarks from the Deputy Vice Chancellor, Academic Research & Consultancy, MWECAU	BAMLRC Hall 1	Prof. Dr. Henry Laswai
0930–0950	Remarks from the Vice Chancellor, MWECAU	BAMLRC Hall 1	Rev. Prof. Dr. Philbert Vumilia



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0950 – 1030	Opening Speech	BAMLRC Hall 1	Guest of Honour
1030 – 1040	Vote of Thanks	BAMLRC Hall 1	Prof. Dr. Karen Vancampenhout
1040 – 1050	Group Photo		All
1050 – 1130	Health Break		All
1130 – 1210	Keynote Speech Session 01	BAMLRC Hall 1	Prof. Dr. Linus Munishi
1210 – 1250	Keynote Speech Session 02 Digital Soil monolith collections to increase awareness of Tropical Highland Soil Systems Deckers S., Nachtergaele F., Mantel S. and Vancampenhout K.	BAMLRC Hall 1	Prof. Dr. Seppe Deckers
1250 – 0100	Plenary Discussion	BAMLRC Hall 1	All
0100 – 0200	Lunch Break	Open Space	All

Day One (25 July 2022): Sessions Related to the Theme

Venue: Conference Hall 1.

Session 01: Socio-ecological Nexus in Tropical Mountains: Opportunities and Challenges

Chairperson Prof. Dr. Karl-Heinz Feger

Rapporteur: Dr Francis Bagambilana

Time (hrs)	Event	Responsible
0200 – 0215	Modelling Agroforestry Land-Use Combinations in Nyangores Catchment, Kenya Kamamia A.W., Strauch M., Mwangi H.M., Feger K., Sang J. & Julich S.	Kamamia A.
0215 – 0230	Land Cover Change Reduces Large Mammal Habitat Suitability in the Wami Mbiki- Saadani Ecosystem, Tanzania Ntukey L.T., Munishi L. K & Treydte A.C.	Ntukey L.T.
0230 – 0245	From the Catchment to the Dam: A Source to Sink Approach of Assessing the Different Impacts of Land-Use and Land-Cover Change on Ruiru Drinking Water Reservoir, Central Kenya Githumbi E., Feger K., Stefan J., Kampf L., Mwangi H.M., Sang J.K. & Zech M.	Githumbi E.
0245–0300	Degradation of Ecological Habitat for the Endangered Fish-<i>Oreochromis Amphimelas</i>: The Case of Lake Manyara in Northern Tanzania Mataba G., Mwaijengo G.N. & Munishi L.K.	Mataba G.
0300 – 0315	Determinants of Farmers' Level of Knowledge on Soil and Water Conservation Technologies in the Dry Zones of The Central Highlands of Kenya Njenga M.W., Mugwe J.N., Mogaka H., Nyabuga G., Oduor N., Kiboi M., Ngetich F., Mucheru-Muna, M., Sijali, I. & Mugendi D.	Njenga M.W.
0315–0330	Contribution of adaptation strategies to climate change on food security and income in Tanzania Lake zone regions Jacob S.S., Maselle A.E. & Mujwahuzi L. S.	Jacob S.S.



0330 – 0345	Climate change and Variability Risks and their Implication on Food Security in Kilimanjaro, Tanzania Siyonga E.	Siyonga E.
0345 – 0400	The Role of Urban Planning Policies in Climate Change Management in Cities: Lessons for Urban Planners and Environmental Practitioners in Nairobi Makau A.M. & Muteti C.	Makau A.M.
0400 – 0430	Health Break	All
0430 – 0445	Potential salient features of mountainous landscapes for evaluating ecosystem services: A case of smallholder agroforestry ecosystems in Northern Tanzania Oforo D.K., Desie E., Feger K., Vancampenhout K. & Kimaro, D.N.	Oforo D.K.
0445 – 0500	Spatial Analysis and Community Awareness of the Native Tropical Medicinal Plants in Tanzania Mkenda T.B., Tairo C., Minja GS., & Sunguya F.	Mkenda T.B.

Day Two: Tuesday, 26 July 2022, Fourth MWECAU International Conference, Moshi, Kilimanjaro, Tanzania

Plenary with Introductory Remarks and Keynote Speeches
Venue: Conference Hall 1
Chairperson: Dr. David Nyakundi **Rapporteur: xxx**

Time (Hrs)	Event	Venue	Responsible
0745 – 0830	Conference Registration	BAMLRC Hall 1	Organizing committee and All participants
0830 – 0900	Introduction and Welcoming Remarks Day 2	BAMLRC Hall 1	Chairperson, Organising Committee
0900 – 0940	Keynote Speech Session 03	BAMLRC Hall 1	Prof. Dr. Karl-Heinz Feger
0940 – 1020	Keynote Speech Session 04 Mainstreaming Equity, Diversity, and Inclusion in Management and Rehabilitation: A Concern for Education Institutions' Landscape Prof. Dr. Mushi H.M.K.	BAMLRC Hall 1	Prof. Dr. Mushi H.M.K.
1020 – 1030	Plenary Discussion	BAMLRC Hall 1	All
1030 – 1100	Health Break		All



Day two (26 July 2022): Parallel Sessions Related to the Theme

Session 01: Socio-ecological Nexus in Tropical Mountains: Opportunities and Challenges

Venue: Conference Hall 1

Chairperson: XXXX

Rapporteur: XXXX

Time (hrs)	Event	Responsible
1100 – 1115	Rangeland management for improved livelihoods in arid areas of northern Kenya Golicha D. & Mulwa R.	Golicha D.
1115–1130	Agriculture is a big threat to global food security and health with reference to Kenya: More funding and more land degradation under both rainfed and irrigated systems Muya E.M., Kahiga P., Rotich H., Esilaba A.O. & Muge N.K.	Muya E.M.
1130 – 1145	Effects of Urban Expansion on Agricultural Lands: A Case Study of Embu County, Kenya Murimi E.K. Njeru L.K. & Gichimu B.M.	Murimi E.K.
1145–1200	The Role of Non-Edible Oilseed Plants and Agricultural Wastes of African Origin in Biofuel Production: A Comprehensive Techno-economic Review for Sustainable Land Use and Land Cover Changes in Tropical Mountain Environments Kichonge B. & Kivevele T.	Kichonge B.
1200 – 1215	Multifunctional Landscapes Under Climate Change Conditions in East Usambara, Tanzania Simon C., Zhang L. & Feger K.	Simon C.
1215–1230	Contribution of Tree Farming on Improvement of Livelihood Assets to Smallholder Farmers in Njombe District, Tanzania: A Life-Learning Experience on Income Poverty Reduction Mayala N.M. Siamoo P.N., Mchelecha E.B., Chuwa M.P., Temba B., Mwalim W., Mushi B., Magesa P.R., Mlay F.E., Kubetta N.E., Kyomo T. & Samiji A.	Mayala N.M.
1230 – 1245	Social-Cultural and Economic Factors Influencing Bee Keeping Adoption as Climate Smart Agriculture Enterprise in Siaya County, Kenya Kagunyu A., Opondo M., Olango C., Ndubi J., Orlale R., Adhiambo L. & Boss K.	Kagunyu A.
1245 – 1000	Spatial Stream Networks Modulate Key Ecological Processes in a Tropical River Catchment Mwaijengo G.N., Njau K.N., Munishi L.K., Brendonck L. & Vanschoenwinkel B.	Mwaijengo G.N.
0100 – 0200	Lunch Break	All
0200 – 0215	Fencing lands to Enhanced Climate change Resilience, promoting biodiversity regeneration and Improved Livelihoods of climate change in Makueni County	Wesonga F.



	Wesonga F. & Keya F.	
0215 – 0230	Factors Impacting Sustainability of Beekeeping for Climate Resilient Landscape Around Mt. Marsabit Forest, Kenya – Beekeepers Perceptions Maina F.W., Warui M.W. & Muhati G. L.	Maina F.W.
0230 – 0245	Evaluation of commercial maize hybrids under different tillage methods and fertilizer regimes under climatic variability of coastal Kenya Muli M.B., Njunie M.N., Muthiani E., Ondiko C.N., Pole F.N., Mzingirwa A.M., Kengo M.D., Thurania E.G., Esilaba A.O. & Nyongesa D.	Muli M.B.,
0245–0300	The Effects of Different Zinc (Zn) Levels on the Grain Yield of Maize, Green Grams and Maize /Green Grams Intercrop in the Coastal Kenya Ondiko C.N., Mshote F., Muli M.B., Mzingirwa A.M., Kengo M.D., Njunie M.N., Thurania E.G., Esilaba A.O. & Nyongesa D.	Ondiko C.N.
0300 – 0315	Growth and yields of sorghum as influenced by integrated soil fertility and water management practices in the drylands of Tharaka –Nithi County, Kenya Kanana J.N., Gichimu, B.M., Mugendi D.N., Mugwe J.N., & Mucheru-Muna M.	Kanana J.N.
0315 – 0330	Farmers’ Perception on Adoption of Climate Change Adaptation Practices in Western Kenya Mulindo J.C., Kundu C.A., Nyongesa D. & Esilaba A.O.	Mulindo J.C.
0330 – 0345	The Yield Gap Analysis of Sorghum and Green Grams in Kenya’s Asals Under Climate Change and Variability Nyongesa D., Esilaba A., Thurania E., Wambua J., Bett C., Rono B. & Muriiki.	Nyongesa D.
0345 – 0400	Market and Consumer Preferred Green Gram (<i>Vigna radiate L.</i>) Varieties for Food and Income Generation in Semi-arid Tharaka-Nithi County, Kenya Matiri M.F., Micheni A.N. & Muriithi S.N.	Matiri M.F.
0400– 0430	Health Break	All
0430 – 0445	Soil and Water Management Challenges and Opportunities in Crop and Livestock Farming Systems for Selected Value Chains in Kenya Kimani S.K., Murage A., Kamau D.M. & Okoti M.	Kimani S.K.
0445 – 0500	Integrated Weed and Soil fertility Management: Options for Climate Resilient Technologies for Improving Cereal Production in Kenya Mwangi H.W., Muchira C W., Maina J. M., Githunguri C.M., Kanyi D., Thurania E., Muna M.M., Waweru P.K., Esilaba A.O., Kimani S., Okoti M. & Kamau D.M.	Mwangi H.W.



Day Two (26 July 2022): Parallel Sessions Related to the Theme

Session S02: Climate-Smart Agriculture in the Context of Tropical Mountains, Session S03: Sustainable provision of ecosystem services in tropical mountains, Session S04: Mainstreaming gender equity and inclusive sustainable provision of ecosystem services in tropical mountains.

Venue: Conference Hall 2

Chairperson: XXXX

Rapporteur: XXXXX

1100–1115	Tillage and crop residue management for improved sorghum production in West Pokot County, Kenya Ndung’u-Magiroi K.W., Kifuko-Koeh M.N., Wanyama, J.M., Thurania E., Cheboi J.J., Boiwa M., Esilaba A.O., & Nyongesa D.	Ndung’u-Magiroi K.W.
1115–1130	Special Needs Group access to agroforestry ecosystem services and its implication to special needs education: A case of northern mountainous landscapes in Tanzania Oforo D.K., Desie E., Feger K., Vancampenhout K., Lyamtane E & Kimaro D.N.	Oforo D. K.
1130–1145	Households’ characterization and use of integrated soil fertility management practices in semi-arid lands, Machakos County, Kenya Wambua J.M.; Mutisya D.L., Esilaba A.O., Nyongesa D., Nguluu S. & Muasya R.M.	Wambua J.M.
1145–1200	Assessing Water Harvesting Practices and Irrigation Technologies in Kerio Valley and Turkwel Water Catchments: The Case Lomut Ward in West Pokot County Wanyama J.M., Keziah Mageroi N., Kifuko M.N.E., Thurania E., Nyongesa D. & Esilaba E.	Wanyama J.M.
1230–1245	Effects of soil and water conservation techniques on sorghum yield, runoff and soil moisture content in the dry zones of Central Highlands of Kenya Omenda J.A., Ngetich K.F., Kiboi M.N., Mucheru-Muna M.W., Mugwe J.N. & Mugendi D.N.	Omenda J.A.
1245–0100	The environmental sustainability of planted forests for soil and water conservation Zhang L., Feger K., & Wang Y.	Zhang L.
0100– 0115	Generational shift in Sacred Groves’ Management Tradition among the Bena Community of Njombe, Tanzania. Edward M.	Edward M.
0115– 0130	Balanced Nutrition and Liming for Enhanced Growth and Yield of Irish Potatoes (<i>Solanum tuberosum</i>. L) in Acidic Soils of North Rift Kenya	Kifuko-Koeh M.N.



	Kifuko-Koech M.N., Ndung'u-Magiroi K.W., Chepnetich J., Rop W., Kemboi E., Boiwa M., Njoroge R., Mucheru-Muna M., Kamau C, Otieno, E. & Mugwe J.	
0130-0145	Gender inequality in agriculture in Kenya: The case of Machakos and Kinyaga Counties Ndubi J., Njarui D.M.G., Murage A., Gatheru M., & Gichangi A.W.	Ndubi_J.
0145-0100	The Role of Gender in Climate Smart Agriculture: A Case of Cassava Value Chain in Western Kenya Opondo M., Kagunyu A., Olango C., Ndubi J., Orlale R., Ademba A., Adhiambo L & Boss K.	Opondo M.
0100 – 0200	Lunch Break	All
0200 – 0215	Effect of Tillage Practices on Crop Yield in the Semi-Arid Regions of Tharaka-Nithi County, Kenya Waweru P., Alfred M., Gitari J., & Esilaba A.	Waweru P.
0215 – 0230	Evaluation of the soil fertility status and limiting nutrients for maize production in Kenya Omwakwe J.A., Chemining'wa G.N., Esilaba A.O. & Thurania E.G.	Omwakwe J.A.
0230 – 0245	Situational Analysis on Natural Resources and Agricultural Production: The Case of Tharaka-Nithi County, Kenya Rono B., Micheni A., Esilaba A., Nyongesa D., Nthuranira E. & Gicheru P.	Rono B.
0245-0300	Performance of Selected Climate-Smart Integrated Soil Fertility Management Technologies in Western Kenya Kundu C.A., Ashiono G. B., Mulindo C.J., Nyongesa D., Thurania E. & Esilaba A.O.	Kundu C. A
0300 – 0315	Analyzing possible pathways to align biodiversity conservation with agricultural development in Tanzania Markoff S. & Delzeit, R.	Markoff S.
0315 – 0330	Enhancing water use efficiency through integrated soil management practices in the drylands of Kenya Oduor O. N., Mucheru-Muna M., Mugwe N. J., Sijali I., Ngetich K. F., Milka N. K., Nyabuga G. & Mugendi N. D.	Oduor O. N.
0330 – 0345	Determination of physico-chemical properties of soil in natural and plantation forest of Sao Hill in Southern highlands Tanzania Laswai F., Masawe B. & Maliondo S.	Laswai F.
0345 – 0400	Effects of different Soil Organic Carbon levels on run-off and sediment loss in Nitisols and Ferralsols under simulated rainfall conditions Rugendo K.M., Gichimu M.B., Mugwe N. J., Mucheru-Muna M. & Mugendi N. D.	Rugendo K.M.
0400-0430	Health Break	All
0430 – 0445	Provision of Extension Services to Small-Scale Maize Producers to Increase Productivity in Magu District, Tanzania Ngusa A.D. & Ngowi E.E.	Ngusa A.D.



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0445–0500	Push-Pull Technology for Fall Armyworm Control in Cereals in Eastern and Coastal Kenya Njunie M.N., Mutisya D.L., Muli B.M., Pole N.F., Wambua J.W., Bett C., Njiru E., Kavoi J.M., Mzingirwa, A, Muthiani E.N. & Esilaba A.	Njunie M.N.
0500–0515	Accumulation of Soil Organic Carbon in Less Disturbed Tropical Mountains Ecosystem Under Spatial-Temporal Analysis of Climate Change Scenario at Uluguru Mountain, Tanzania Mkonda M.Y., Minja G.S., Ligate E.J., Kaganga L.S., Haule T.R. & Msemwa U.S.	Mkonda M.Y.
05015–0530	Is Potassium Based Fertilizer Required by Legume and Cereal crops for Improved Food Security in Embu and Tharaka-Nithi Counties, Kenya Micheni A., Esilaba A., Waweru P. & Nyongesa D.	Micheni A.

Day Three: Wednesday, 27 July 2022 Fourth MWECAU International Conference, Moshi, Kilimanjaro, Tanzania

Day Three (27 July 2022): Conference Excursion (visit the conference weblink at <https://www.mwecau.ac.tz/conference/>)

Route 1: Mount Kilimanjaro National Park (Mandara Hut)

Route 2: MWECAU Living Lab & Marangu/Kilema Indigenous Agroforestry (Kihamba) System

Excursion Secretariat, the Organizing Committee and All Participants



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Day Four: Thursday, 28 July 2022, Fourth MWECAU International Conference, Moshi, Kilimanjaro, Tanzania

Plenary with Introductory Remarks and Keynote Speeches

Venue: Conference Hall 1

Chairperson:xxxxx

Rapporteur:xxxxx

Time (Hrs)	Event	Venue	Responsible
0745 – 0830	Conference Registration	BAMLRC Hall 1	Organizing committee and All participants
0830 – 0900	Introduction and Welcoming Remarks Day 4	BAMLRC Hall 1	Chairperson, Organising Committee
0900 – 0940	Keynote Speech Session 05 Building Strong Innovation and Smart University to Deliver Social-Economic & Environmental Transformations for Inclusive Economic growth and Sustainable Development Mosha N. V., Lwoga T., Andrea O., Mkunda J. J., Mkindi A., Swai J., Makule E. E., Machunda R. L., Kaijage S. F., Mtei K. M., Mbega E. R. & Mshandete A. M.	BAMLRC Hall 1	Prof. Dr. Anthony Manoni Mshandete
0940 –1020	Keynote Speech Session 06		Rev. Prof. Dr. Philbert Vumilia
1020 – 1030	Plenary Discussion	BAMLRC Hall 1	All
1030 –1100	Health Break		All

Day Four (28 July 2022): Sessions Related to the Theme

Session 05: Translating innovation into effective solutions and policies with local communities & Session S06: Expanding Education Access, Openness and Flexibility in Promoting Tropical Mountains Conservation.

Venue: Conference Hall 1

Chairperson: xxxx

Rapporteur: xxxxx



Time (hrs)	Event	Responsible
1100– 1115	Application of Sulphuric Acid and Hot Water Treatment in Dormancy Alleviation and Seed Germination of <i>Sesbania sesban</i> Kinyanjui Z., Abuor G., Keino, L., Kangethe S., Were A. & Muchugi A.	Kinyanjui Z.
1115–1130	Adoption and use of integrated Soil Fertility Management (ISFM) Technologies in the foothills of Taita Taveta County Bett C., Mutisya D., Esilaba A. O., Nyongesa D., & Thurania E.	Bett C.
1130 –1145	Linking Specific Nutrient Elements and Lime to Irish Potatoes (<i>Solanum tuberosum</i>. L) Growth and Yield Parameters in Acidic Soils of Uasin Gishu County Chepngetich J., Kifuko-Koech M.N., Ndung'u-Magiroi K.W., Rop W., Kemboi, E., 2Boiwa M., 1Njoroge, R., 3Mugwe, J., Mucheru-Muna M., Kama C. & Otieno E.	Chepngetich J.
1145–1200	Soil Nutrient Status of Smallholder Farms in Eastern, Coastal and Western Regions of Kenya Muya E.M., Esilaba A.O., Kamoni P., Waruru B., Gitau J.K., Miriti J.M., Mutuma E., Were K.O., Radiro M.P.O., Wanjogu S.N., Gachini G. N., Tanui L.K., Kathuli P., Rotich H.K., Omwakwe J.A., Chek A.L., Mwangi J.A., Maingi P.M., Mwangi H., Ocholla I.A., Macharia, P.N., Njaimwe A., Githunguri C.M., Nyongesa D. & Okoti M.O.	Muya E.M.
1230–1245	Options for Management of Acid Soils for Sustainable Agricultural Production in The Kenya Highlands: A Review Esilaba A.O., Kathuku-Gitonga A.N., Mangale N., Gikonyo E., Maina F.W., Wanyama J.M., Nyongesa D., Kamau D. M., Kisinyo P., Opala P., Muindi E.M., Kamau M., Kamau M.N., Adolwa I., Mutegi J., Wendt J., Gudu S.O., Mbakaya D. & Biko B.	Esilaba A.O.
1245–0100	Characterization and classification of greenbelt soils in Yambio and Nzara counties, western Equatoria state, South Sudan Bazugba I.A.J., Massawe B.H., Shitind M. & Deng P.K.	Bazugba I.A.J.
100-0200	Lunch Break	All
0200 – 0215	Soil fertility inputs improve yields of sorghum and green grams in arid and semi-arid agroecological zone of Tharaka-Nithi County, Kenya Mugwe J.N., Otieno E., Mucheru-Muna M.W., Kamau C.N., Kifuko-Koech M.N., Ndung'u-Magiroi K.W. & Mogaka H.	Mugwe J.N.
0215 – 0230	State-of-the-art of strategic research in the domain of secondary nutrients, micronutrients, liming and 4R in sub-Saharan Africa: Review Otieno E.O., Mucheru-Muna M.W., Kifuko-Koech M.N., Kamau C.N., Ndung'u-Magiroi K.W., Mugwe J.N. & Mogaka H.	Otieno E.O.
0230 – 0245	What membership in a Tree Growers Association entail for smallholders: Insights from East Africa Hintz K.S., Kyamagero S., Hingi, O.S., Nuwasasira J., Mombo F., Darr D., Pretzsch J.	Hintz K.S.



0245–0300	Validation and Mainstreaming Soil Spectral Diagnostics for Analytical Services and Fertilizer Use Recommendations for Climate Smart Agriculture in Slopes of Mount Kenya and the Aberdare Ranges in Kenya Gikonyo E., Gateri M., Gacheru E., Nassiuma E., Waruru B., Kamau D., Sila A., Gachini N. & Mukami G.	Gikonyo E.
0300 – 0315	Estimation of wet aggregation indices using infrared spectroscopy for soil smart solutions in degradation risk mitigation Waruru B.K., Shepherd K.D., Ndegwa G.M. & Sila A.	Waruru B.K.
0315 – 0330	Effects of Inoculants on Productivity of Climbing Beans in Central Highlands of Kenya Muthamia J.G.N., Esilaba A.O., Kimani P.M. & Chemining'wa G.C.	Muthamia J.G.N.
0330 – 0345	Integrating Soil Fertility Management Tillage Technologies for Improved Crop Yields in Machakos County, Kenya Mutisya D. L., Wambua J. M., Esilaba A.O., Nyongesa D., Thurania E., Nguluu S. & Kithuka N.	Mutisya D. L.
0345 – 0400	The Role of the Church Education on Climate- Smart Solutions for Tropical Mountain Environments. A case of Kilimanjaro region. Salema V.	Salema V.
0400–0430	Health Break	ALL
0430 – 0445	Towards the Development of a Digital platform for Tropical Mountainous Living Laboratories Research Data: A Case Study of Northern Tanzania Shao P.E., Beebwa I.E., Kimaro D.O., Vancampenhout K. & Kimaro D.N.	Shao P.E.
0445 – 0500	Forest-Bioeconomy nexus in HEIs: Lessons Learned from Cross-Country Teaching Module Development Auch E., Darr D., Domke M., Eirgete M.T., Hintz K.S., Kambugu R., Mekonnen T.B., Mombo F., Namaalwa J.J., Ngaga Y., Pretzsch J. & Sseremba O.	Auch E.
0500-0515	Potential of biochar application to increase crop production and improve soil quality Weiss U. et al,	Weiss U.
0515-0530		



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Day Five: Friday, 29 July 2022, Fourth MWECAU International Conference, Moshi, Kilimanjaro, Tanzania

Plenary with Introductory Remarks and Keynote Speeches

Venue: Conference Hall 1

Chairperson: xxxxx

Rapporteur: xxxxx

Time (Hrs)	Event	Venue	Responsible
0745 – 0830	Conference Registration	BAMLRC Hall 1	Organizing committee and All participants
0830 – 0900	Introduction and Welcoming Remarks Day 4	BAMLRC Hall 1	Chairperson, Organising Committee
0900 – 0940	Keynote Speech Session 05	BAMLRC Hall 1	Prof. Machunda
0940–1010	Health Break		All

Day Five (29 July 2022): Sessions Related to the Theme

Session 07: Agro-chemicals and waste management strategies for sustainable development in tropical mountains.

Venue: Conference Hall 1

Chairperson: xxxx

Rapporteur: xxxxxx

Time (hrs)	Event	Responsible
1010–1025	Persistent Organic Pollutants (POPs) Effects on Environment and Human Health and Their Potential Transport to Mountain Areas: A Review Assey G.E. & Mogusu E.	Assey G.E.
1025–1035	Evidence of Enhanced Degradation of Pesticides in Agricultural Soils Getenga Z.M., Ngige A. N., Kimosop S.J., Mutua G.K., Kengara F., Reiner S. & Ulrike D.	Getenga Z.M.
1035–1050	Zinc-Based Fertilizer on Green gram and Sorghum Yields in Semi-Arid Areas of Embu and Tharaka-Nithi Counties, Kenya	Micheni A.



	Micheni A., Esilaba A., Waweru P. & Nyongesa D.	
1050 –1105	Insecticidal Efficacy of <i>Syzygium aromaticum</i>, <i>Tephrosia vogelii</i> and <i>Croton dichogamus</i> Extracts against <i>Plutella xylostella</i> and <i>Trichoplusia ni</i> on <i>Brassica oleracea</i> crop in Northern Tanzania. Mpumi N., Machunda R.L., Mtei K.M. & Ndakidemi P.A.	Mpumi N.
1105 –1120	Modeling and Optimization of Independent Factors Influencing Lead (II) Biosorption from Aqueous Systems: A Statistical Approach Bayuo B., Rwiza M. Abukari M.A., Kenneth B., Pelig-Ba K.B. & Mtei K.	Bayuo B.
1120 –1135	The Potential and Applicability of agricultural waste-derived catalysts for Production of Renewable Diesel: A review Mahene, WL ^{a*} Kivevele, T ^a , and Machunda R ^a .	Mahene, WL.
1135–1150	Toxic Metals in East African Agro-Ecosystems: Key Risks for Sustainable Food Production Mng'ong'o, M ^{1 2 3*} , Munishi, LK ¹ , Ndakidemi, A ¹ , Blake, W ² , Comber, S ² , and Hutchinson, TH ²	Mng'ong'o, M.
1150–1205	Management Strategies for Optimizing Use and Reducing Hazards Related to Agro-Chemicals (pesticides, fertilizers), and Organic Amendments in Tropical Mountain Environments Malasi W.	Malasi W.
1205–1235	CLOSING REMARKS	All
	Soil Science Society of East Africa (SSSEA)	Chairperson SSSEA
	VLIR UOS South Initiative (SI) – LiveLabLink Project	Prof. Dr. Karen Vancampenhout
	VLIR UOS IUC – <i>Nelson Mandela</i> African Institution of Science and Technology (NM-AIST)	Coordinator (VLIR UOS-IUC) - NM-AIST
	TU Dresden	Prof. Dr. Karl-Heinz Feger
	KU Leuven – Long term Collaboration	Prof. Dr. Seppe Deckers
	Closing Speech (MWCAU Vice Chancellor)	Rev. Prof. Dr. Philbert Vumilia
1230-0130	Lunch and Drinks	All