

CURRICULUM VITAE

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1. CAREER OBJECTIVE

To promote education and research about the environment in order to inculcate a better appreciation of the intricate human-environment interactions and foster individual and collective responsibility towards sustainable development.

2. PERSONAL ATTRIBUTES

- Friendly and outgoing person with a good moral standing and personal integrity.
- Hard working, self- motivated, results oriented with excellent inter-personal skills.
- Passionate environmentalist, conservationist, ecologist, researcher and administrator.
- Volunteer resource person in mentoring and empowerment of youths.

3. FIELD OF SPECIALIZATION AND AREAS OF RESEARCH INTEREST

Human ecology; Biodiversity conservation; Environmental health, Impact Assessments.

4. EDUCATION QUALIFICATIONS

<i>Year (from – to)</i>	<i>Degree / Institution</i>
2007 - 2010	Ph.D. Environmental Science, University of KwaZulu-Natal, South Africa.
1998 - 2002	M.Sc. Natural Resources Management, Egerton University, Kenya.
1990 - 1995	B.Sc. Natural Resources Management, Egerton University, Kenya.
22 Nov. – Dec. 10, 2004	Environmental Impact Assessment and Audit Egerton University, Kenya.
16 April - July 18, 2003	Sustainable Production and Utilization of Tropical Agriculture and Forest Resources. University of the Ryukyus, Japan.

5. PROFESSIONAL AND TECHNICAL COMPETENCY DEVELOPMENT TRAINING CERTIFICATES		
Dates/ Year	Title of Training Certificate	Institution Awarding
7 – 11 August, 2023	Training on Proposal Writing	The Regional Universities Forum for Capacity Building in Agriculture (RUFORUM)
3 – 5 May, 2023	Management of Office of Career Services	Kenya Education Management Institute (KEMI). Ministry of Education
6 April-17 May, 2021	Research Writing in the Sciences	International Network for the Availability of Scientific Publications (INASP)
1-3 September, 2020	Research and Grants Management	Southern African Research and Innovation Management Association (SARIMA).
9 August, 2020	Gender and Environment.	United Nations Institute for Training and Research (UNITAR).
27 - 28 November, 2018	Climate Across the Curriculum: Resources for Integrating Climate Topics in Discipline-Specific Teaching.	African Union of Conservationists (AUC)/ International Union for Biological Sciences (IUBS).
13- 15 December, 2017	ISO 14001:2015 Environmental Management System Implementation Course.	Kenya Bureau of Standards (KEBS).
14 - 16 December, 2016	ISO 9001:2015 Quality Management Systems Implementation Course.	Kenya Bureau of Standards (KEBS).
21- 23 May, 2014	Internal Quality Auditing Course <i>based on ISO 9001:2008 Quality Management Systems (QMS).</i>	Kenya Bureau of Standards (KEBS).
3- 5 April, 2013	Service Delivery.	Kenya Institute of Administration.
4 - 8 April, 2011	E-Learning Capacity Building Course on Developing and Publishing of Digital Teaching and Learning Materials.	Egerton University/ Futuristic, Kenya.
8 - 11 March, 2011	Communicating and Disseminating Research Results, <i>under the project Developing Research Capacity among African Environmental Scientists.</i>	Tropical Biology Association (TBA), Nairobi, Kenya.
24 - 26 November, 2010	Research Proposal Writing.	Egerton University, Kenya.
10 - 11 November, 2007	Customer Service: <i>South African Host.</i>	Tourism, Hospitality & Sport Education Training Authority (THETA), South Africa.

20- 22 March, 2006	Pedagogy for University Lecturers.	Egerton University, Kenya.
24- 25 May, 2004	Human Subjects Protections for Agro-Ecological Research.	Utah State University, USA.
18 April – 22 May, 2003	Introductory Japanese Language course.	Japan International Cooperation Agency (JICA), Okinawa, Japan.
May/June, 1999.	Participatory Rural Appraisal (PRA).	Egerton University, Kenya.

6. EMPLOYMENT AND UNIVERSITY APPOINTMENTS

6.1 Teaching and Instruction Position

<i>Year</i>	<i>Company / Institution</i>
2020- To date	Associate Professor: Department of Environmental Sciences, Machakos University, Kenya.
2019-2020	Senior Lecturer: Department of Environmental Sciences, Machakos University, Kenya.
2015 - 2018	Senior Lecturer: Department of Environmental Science, Egerton University, Kenya.
2010 - 2014	Lecturer: Department of Environmental Science, Egerton University, Kenya.
2002 - 2009	Assistant Lecturer: Department of Environmental Science, Egerton University, Kenya.
1996 - 2001	Teaching Assistant: Department of Natural Resources, Egerton University, Kenya.

6.2 Administrative and Academic Management Responsibilities

<i>Year (from – to)</i>	<i>Position, Division/Programme, Company/Institution</i>
Feb. 2022 – Feb. 2023	Acting Registrar: Research, Innovation and Linkages. Machakos University, Kenya
June 2017 – Dec. 2018	Chairman of Department: Department of Environmental Science; Egerton University, Kenya.
2011 - 2017	Examination Officer: Department of Environmental Science; Egerton University, Kenya.
2014 - 2018	Coordinator: National Disaster Management Course, Bachelor of Military Science. Department of Defense (DOD)/ Egerton University, Kenya.
2011 - 2017	Coordinator: Environmental Impact Assessment/ Audit (EIA/EA) Short Course, Egerton University, Kenya.

6.3. University External Appointment and Engagements	
Year	Appointment as/ Programme/ Institution
June 2023 – to date	Resource Person: Provision of Peer Review Services in Curriculum Evaluation, Academic Institutional Review, Research and Consultancy. Commission for University Education (CUE), Kenya.
2022/2023 – to date	External Examiner: Department of Environmental Studies and Community Development, Kenyatta University, Kenya.
2017- to date	External Examiner: Postgraduate Students, School of Agriculture and Environmental Studies. South Eastern Kenya University, Kenya.
2016 – to date	External Examiner and Supervisor: Postgraduate Students, School of Natural Sciences. Masinde Muliro University of Science and Technology, Kenya.
2015- to date	External Examiner: Postgraduate Students, College of Agriculture, Engineering and Science, University of KwaZulu-Natal, South Africa.
2017-2022	External Examiner and Supervisor: Postgraduate Students, School of Environment and Natural Resources Management. Africa Nazarene University, Kenya.
2014-2021	Associate Faculty, External Examiner and Supervisor: Postgraduate students, Department of Public health and Department of Social and Development Studies. Mount Kenya University, Kenya.
7. RESEARCH AND DEVELOPMENT PROJECT GRANTS, FELLOWSHIP AND SCHOLARSHIP AWARDS	
7.1 Submitted Projects Proposals	
Year(s)	Position /Title / Organisation
2023	Co-Principal Investigator: <i>“Enriching youth digital, media, and soft skills using virtual mobility experiences in Sub-Saharan Africa and the EU”</i> . European Commission Erasmus+ Programme (ERASMUS)
7.2 Completed and Ongoing Projects	
Year(s)	Position /Title / Funding Organisation
2023-2026	Co-Principal Investigator/ Project Partner: <i>“Enriching youth digital, media, and soft skills using virtual mobility experiences in Sub-Saharan Africa and the EU”</i> . European Commission Erasmus+ Programme (ERASMUS)
2022-2023	Principal Investigator: <i>“Impacts of COVID-19 on Community Conservation and Nature Based Tourism Enterprises in the Amboseli Ecosystem in Kenya”</i> . Machakos University Research Grant Award 2021/2022.
2019-2021	Team Leader (Machakos University): <i>“Wild Track Cube-SIMBA: System for Improving Monitoring the Behaviour of Animals”</i> . Win a Launch of 1U CubeSat on the First Commercial Mission of GK Launch Services, IAF. Collaborating Partners: Sapienza University of Rome; Machakos University; University of Nairobi; and Kenya Space Agency.
2017-2018	Co-Researcher: GEF-6 Project Grant- <i>“Restoration of Arid and Semi-Arid lands (ASAL) of Kenya through Bio-enterprise development and other incentives under The Restoration Initiative (TRI)”</i> . GEF/FAO

2011	Co-Researcher: <i>“Human-Wildlife Conflicts: Causes and mitigation measures in Tsavo Conservation Area, Kenya”</i> . Funded by National Council for Science and Technology, Kenya. PI: Prof. A. A. Aboud. Egerton University.
2008	Researcher: <i>Communities Perceptions and Assessment of Biodiversity Conservation Strategies: The Case of Protected Areas in Kenya</i> . Ph.D. Research Fellowship, University of KwaZulu-Natal, South Africa. Funded by United Nations University (UNU) through African Network for Scientific and Technological Institutions (ANSTI).
2003	Researcher: <i>“Sustainable production and utilization of forest resources in Japan”</i> . Research Project, University of the Ryukyus, Japan. Funded by Japan International Cooperation Agency (JICA).
2000	Researcher: <i>Issues in the Adoption of Social Forestry: The Case of Kitui Farmers</i> . M.Sc. in Natural Resources Management. Egerton University, Kenya. Funded by Egerton University.
8. PROFESSIONAL ENGAGEMENT AND CONSULTANCIES	
Year/Period	Position/ Project / Company /Institution / Client
2022-2023	Environmental Impact Assessment Expert: <i>Environmental and Impact Assessment (EIA) for the Proposed Removal, Handling and Disposal of Asbestos at Machakos University, Kenya</i>
2022-to date	Environmental Expert: <i>Physical Planning, Cadastral Survey and Detailed Topographical Survey of Nine (9) Selected Informal Settlements in Tana River County Lot V-Cluster 4</i> . Kenya Informal Settlements Improvement Project (KISIP)/ Renaissance Planning Ltd.
2021-2022	Environmental and Socio-economic Impact Assessment Expert: <i>Environmental and Social Impact Assessment (ESIA) study for the Proposed Inclusion of Genetically Modified Cassava Resistant to Cassava Brown Streak Disease into National Performance Trials at Seven KEPHIS Designated Sites in KALRO Centres</i> . VIRCA Plus/ KALRO, Kenya
2021	Environmental and Socio-economic Impact Assessment Expert: <i>Environmental and Social Impact Assessment (ESIA) and Resettlement Action Plan studies (RAP) for the Design and Build of Makamini dam project, Kwale County, Kenya</i> . The China Jiangxi International Kenya Limited
2021	Environment and Natural Resource Management Expert: <i>Assessment of Socio-economic Role of Mangroves and their Conservation Framework in Kenya</i> . IUCN Eastern and Southern Africa Regional Office/ Geospatial Research International
2020	Environment and Natural Resource Management Expert: <i>Socio-economic Valuation of Land Degradation and Wetlands</i> . RCMRD, GMES Africa/ Geospatial Research International.
2019	Environmental and EHS Expert: <i>Construction Works for the Mwache Multi-Purpose Dam Project, Kwale County, Kenya</i> . Sinohydro Corporation Limited/ Coastal Region Water Security and Climate Resilience Project.
2018 - 2019	Lead Consultant and Environmentalist: <i>Riparian Lands Conservation and Management Policy Framework in Kenya</i> . National Land Commission, Kenya/ Renaissance Planning Ltd.

2017 - 2018	National Consultant: <i>Restoration of ASALs of Kenya: The Restoration Initiative (TRI) Programme.</i> FAO/IUCN, Kenya.
2016-2018	Environmental Lead Expert: <i>Environmental and Social Impact Assessment (ESIA) for Egerton University Projects (Electric fence, Security control gate, and Associated buildings).</i> Egerton University, Njoro, Kenya.
2016	Lead Consultant: <i>Documentation of Lessons Learnt for FAN-Bengo Project in Transmara Forest Block, Mau Forest Complex.</i> Forest Action Network (FAN)-Kenya/ WWF-Germany.
2015 - 2016	National Consultant: <i>The Assessment Framework on Community Based Forestry in Kenya.</i> FAO, Kenya.
2015	Consultant Trainer: <i>Short Term Consultancy service to prepare module in Watershed Management, Erosion & Forestation (WMEF) and give lecture on the regional & national training for Inland Water Resources Management Programme.</i> IGAD-INWRMP, Addis Ababa, Ethiopia.
2015-to date	Environmental Lead Expert: <i>Environmental and Social Impact Assessments (ESIA) for the Upgrading to Bitumen Standards Road Projects in various Counties in Kenya.</i> Kenya Rural Roads Authority (KeRRA)/ Renaissance Planning Ltd.
2015-to date	Environmental Expert: <i>Environmental and Urban Development Planning for Rural Towns in various Counties in Kenya.</i> County Governments/ Renaissance Planning Ltd.
9. PARTICIPATION IN CONFERENCES	
Date/ Period	Position/ Description
14 – 16 June, 2023	Presenter and Chairman of Organizing Committee: <i>Machakos University 5th Annual International Conference.</i> Machakos University Machakos University Hotel and Conference Centre, Machakos, Kenya.
16 May, 2023	Participant: <i>The Future of Work in an AI-Enabled World.</i> Konza Technopolis Development Authority, Kenya.
17 – 21 October, 2022	Presenter: <i>The International Emergency Management Society (TIEMS) 2022 Hybrid Annual Conference,</i> Atlanta, Georgia, USA.
28 – 30 June, 2022	Presenter and Secretary of Organizing Committee: <i>Machakos University 4th Annual International Conference.</i> Machakos University (Virtual), Machakos, Kenya.
30 – 31 May 2022	Panelist and Member of Organizing Committee: <i>International Association of Science Parks and Areas of Innovation (IASP) Africa Division Conference.</i> Konza Technopolis Development Authority, Konza Technopolis, Kenya
2 December, 2021	Participant: <i>Mainstreaming Code of Practice and Professional Ethics (CoPPE) in Environment and Social Impact Assessment (ESIA).</i> Environment Institute of Kenya (EIK) Webinar.
24 - 25 November, 2021	Participant: <i>National Research Conference 2021: “Sustainable Use of Land and Natural Resources to enhance food security in Kenya”.</i> National Land Commission/National Research Fund. Virtual Event

22 – 25 June, 2021	Member of Organizing Committee: Machakos University 3 rd Annual International Conference. Machakos University (Virtual), Machakos, Kenya.
18 - 21 May, 2021	Participant: International Association for Impact Assessment Annual Conference (IAIA21): <i>“Smartening Impact Assessments in Challenging Times”</i> . Virtual Event
18 - 20 November, 2020	Participant: Africa Research and Impact Network International Conference on Africa in the Post-COVID-19 World: Lessons for Research and Policy (Virtual). Africa Research and Impact Network (ARIN), Nairobi, Kenya.
24 - 26 April, 2019	Presenter: Machakos University 2 nd Annual International Conference. Machakos University Hotel and Conference Centre, Machakos, Kenya.
9 - 13 July, 2018	Session Chair: 41 st Water, Engineering and Development Centre (WEDC) International Conference. Egerton University, Kenya.
28 - 30 March, 2018	Presenter/ Session Chair. 12 th Egerton University International Conference. Egerton University, Kenya.
7 - 9 December, 2017	Participant: <i>Understanding Sustainable Energy Solutions (USES) Conference- Experiences and Lessons from a decade of Research and Development</i> , ACTS. Merica Hotel, Nakuru, Kenya.
30 March - 1 April, 2016	Presenter/ Session Chair: 10 th Egerton University International Conference and Agriculture Summit: Egerton University, Kenya.
11 - 14 February, 2013	Participant: Tunza International Youth Conference. UNEP Gigiri, Nairobi, Kenya.
12 th - 16 th June, 2011	Participant: Joint International Meeting of the Association for Tropical Biology and Conservation (ATBC) and the Society for Conservation Biology (SCB-Africa Section). Naura Springs Hotel, Arusha, Tanzania.
3 rd - 6 th May, 2011	Presenter: The 4 th NCST National Conference on Dissemination of Research Results and Exhibition of Innovations. KICC, Nairobi, Kenya.
22 nd - 24 th September, 2010	Rapporteur: The 5 th Egerton University Annual Research Week and International Conference. ARC Hotel, Egerton University, Kenya.
10. WORKSHOPS, SEMINARS AND PROFESSIONAL MEETINGS	
23-27 October 2023	Participant/Guest Lecturer: Erasmus+ International Staff Week. Riga Technical University (RTU), Riga, Latvia.
11-12 October 2023	Participant: Global Landscapes Forum (GLF) Nairobi 2023 Hybrid Conference. A New Vision for Earth. GLF/CIFOR/World Agroforestry.
19-20 June, 2023	Facilitator/Resource Person: Sensitization Workshop on Threshold and Requirements of Social Management Plan. Second Kenya Informal Settlements Improvement Project (KISIP 2), State Department of Housing and Urban Development. Lake Naivasha Resort, Naivasha, Kenya
23-25 August, 2022	Participant: Science, Technology and Innovation (STI) Mainstreaming Sensitization (Virtual). NACOSTI, Kenya.

12 March, 2021	Participant: Webinar- How Community Based Natural Resource Management (CBNRM) can deliver inclusive, fair and equitable conservation for People and Nature. African Wildlife Foundation (AWF)/ African CSOs Biodiversity Alliance (ACBA).
10 March, 2021	Participant: International Union for Biological Science (IUBS) Centenary Webinar Lecture Series- The Serengeti Rules: The Regulation and Restoration of Biodiversity. IUBS/ IndiaBioscience.
16 October, 2020	Facilitator/Resource Person: Virtual Masterclass on Climate Change and Sustainable Development for Young Africans: Activating Young Africans for Leadership. Nigeria Youth Climate Network/ Youth for the Environment.
1 - 3 September, 2020	Participant: Research and Grants Management Workshop (Virtual). Southern African Research and Innovation Management Association (SARIMA)
22 May, 2020	Facilitator/Resource Person: International Day for Biological Diversity (IDB) Online Biodiversity Lecture. Machakos University Environmental Club/ Youth for the Environment.
12 June, 2019	Panelist: Public Lecture on “Public perceptions on Biotechnology: Role of Biosafety regulation in Kenya and concerns in GMOs”. Machakos University.
11 - 13 April, 2018	Participant: Africa Carbon Forum. Climate Action for Sustainable Development: Driving Change in Africa. UN Complex, Nairobi, Kenya.
9 – 10 April, 2018	Facilitator/Resource Person: Training on “Environmental and Social Safeguards”, Under the Kenya Devolution Support Programme (KDSP) for Vihiga County, Kenya. County Government of Vihiga, Mbale.
6 July, 2017	Facilitator/Resource Person: Validation Workshop on the GEF-6 Project entitled: “Restoration of and semi-arid lands (ASALs) of Kenya through Bio-enterprise development and other incentives under The Restoration Initiative. Safari Park Hotel, Nairobi, Kenya.
23 - 24 November, 2016	Facilitator/Resource Person: Inception workshop on <i>Support to Sustainable Bio-enterprise Development in Healthy Rangelands in the Arid and Semi-Arid Lands</i> under the Global Restoration Initiative (TRI) Programme. FAO/IUCN/GEF. Laico Regency Hotel, Nairobi, Kenya.
21 - 22 November, 2016	Facilitator/Resource Person: Validation Workshop on Biodiversity Baseline and Lessons Learned Study in Transmara Forest Resources Project. Forest Action Network/WWF. Royal Hotel, Narok, Kenya.
30 June, 2016	Participant: Strategic Environmental Assessment (SEA) Curriculum Validation Workshop. NEMA and WWF. Sarova PanAfric Hotel, Nairobi, Kenya.
22 June, 2016	Participant: Farm Forestry and Evergreen Agriculture Workshop: Going to Scale Together in Africa. UN Complex UNEP, Nairobi
2 June, 2016	Facilitator/Resource Person: Seminar on Reviewing Literature for Academic Research and Policy Project. Institute for Development Studies, University of Nairobi, Kenya.
5 November, 2015	Facilitator/Resource Person: National Validation Workshop on Assessment Framework of Community Based Forestry and its Application in Kenya. FAO. KFS Information Centre, Nairobi, Kenya.
6 May, 2015	Participant: Stakeholders Workshop on the Proposed Environmental Management and Coordination (Deposit Bonds) Regulations, 2014. NEMA, Kenya. Cicada Hotel, Eldoret, Kenya.

22 - 28 March, 2015	Facilitator/Resource Person: Multi-functional Reservoir Operations in Trans-boundary River Basins with a focus on the Omo River Basin. IGAD- Inland Water Resources Management. Kaleb hotel, Addis Ababa, Ethiopia.
20 March, 2014	Participant: Stakeholders Consultation Meeting on Guidelines on Handling, Management and Disposal of Waste Oil/Sludge. NEMA Headquarters, Kenya.
26 August, 2013	Participant: Stakeholders Consultation Meeting on Finalization of the Environmental Management and Co-ordination (E-Waste Management) Regulations 2013. KICC, Nairobi, Kenya.
24 Feb, - 1 March, 2013	Participant: Stakeholders Taskforce Retreat on finalization of the E-Waste Regulations. Waterbuck Hotel, Nakuru, Kenya.
16 November, 2012	Facilitator/Resource Person: Farmers Workshop at Chemeron Dryland Research Training and Ecotourism Centre, Marigat, Baringo, Kenya.
2 August, 2012	Participant: Stakeholders Consultation Forum on the Draft Asbestos Guidelines. NEMA, Kenya.
16 July, 2012	Participant: Stakeholders Analysis on the Draft Asbestos Guidelines. The Cooperative College of Kenya, Nairobi Kenya.
25 January, 2012	Participant: 1 st Stakeholders' Sensitization Workshop on the Dryland Research Training and Ecotourism Centre. ARC Hotel, Egerton University, Kenya.
29 - 30 November, 2011	Participant: Workshop on Awareness Creation on the National Environment Research Agenda. NEMA, Kenya. Utalii Hotel, Nairobi, Kenya.
22 - 23 March, 2005	Participant: Dairy Goat Project-Community-Environmental Justice and Ethics Coalition Initiation Workshop. ARC Hotel, Egerton University, Kenya.
1 - 2 July, 1999	Participant: Research-Dissemination Seminar of the Research Project- Impacts of Project Food Aid on Production and Nutrition; by Clark Atlanta University and Egerton University. Chemeron Field Station, Baringo, Kenya.

11. RESEARCH AND PUBLICATIONS

11.1 Articles in Refereed Journals

1. Abanga, C., Moturi, W., & Makindi, S. (2023a). Knowledge, Attitudes and Perceptions of workers on Safety Hazards and Health risks in Vehicle Body Manufacturing Companies in Nairobi County, Kenya. *International Journal of Research and Innovation in Social Science*, 7(6), 973-980. <https://dx.doi.org/10.47772/IJRISS.2023.7678>
2. Endeki, R., Inoti, S. K., & Makindi, S. M. (2023). Impacts of Agroforestry Technologies on Livelihood Improvement in Vihiga County, Kenya. *International Journal of Scientific Research Updates*, 5(1), 001-011. <https://doi.org/10.53430/ijrsru.2023.5.1.0194>
3. Abanga, C., Moturi, W., & Makindi, S. (2023b). Determinants of Compliance with Occupational and Safety Regulations in the Vehicle Body Manufacturing Industry in Kenya. *Open Access Library Journal*, 10: e9912. <https://doi.org/10.4236/oalib.1109912>

4. Wekoye, S. A., Moturi, W. N., & Makindi, S. M. (2023) . <i>Adoption of Occupational Safety and Health Measures in the Informal Manufacturing Sector in Kampala, Uganda</i> . <i>Global Journal of Science Frontier Research</i> , 23(B1), 35-46. https://journalofscience.org/index.php/GJSFR/article/view/102663
5. Omenge, P. M., Obwoyere, G. O., Eshiamwata, G. W., & Makindi, S. M. (2022) . A Review of the Quality of Environmental and Social Impact Statements: The Case of Geothermal Energy Projects in Kenya. <i>East African Journal of Environment and Natural Resources</i> , 5(2), 144-164. https://doi.org/10.37284/eajenr.5.2.1027
6. Opondo, E. O., Ajayi, D. D., & Makindi, S. M. (2022) . Impacts of quarrying activities on the environment and livelihood of people in Border II sub-location, Nyando sub-county, Kisumu County, Kenya. <i>Environmental Quality Management</i> , 32(3), 147-160. https://doi.org/10.1002/tqem.21881
7. Omenge, P. M., Obwoyere, G. O., Eshiamwata, G. W., Makindi, S. M. , & Nathwani, J. (2022). Improving Quality of Environmental and Social Impact Assessment Reports: A Statistical Analysis. <i>International Journal of Environmental Impacts</i> , 5(2), 146-160. https://doi.org/10.2495/EI-V5-N2-146-160
8. Mutungi, J. K., Moturi, W., & Makindi, S. (2022) . Knowledge of Occupational Hazards and Use of Protective Equipment among Petrol Service Station Workers in Nakuru, Kenya. <i>International Journal of Scientific Research and Engineering Development</i> , 5(6), 1072-1081. http://www.ijred.com/volume5/issue6/IJSRED-V5I6P134.pdf
9. Donde, O. O., Makindi, S. M. , Cuicui T., Yingying, T., & Bangding, X. (2020). A novel integrative performance evaluation of constructed wetland covering removal of viable bacterial cells and related pathogenic, virulent and multi-drug resistant genes from wastewater systems. <i>Journal of Water Process Engineering</i> , 33(2020), 101060. https://doi.org/10.1016/j.jwpe.2019.101060
10. Omenge, P. M., Obwoyere, G. O., Eshiamwata, G. W., Makindi, S. M. , & Nathwani, J. (2020). Environmental and Social Impact Assessment Procedural Steps that Underpin Conflict Identification: Reference to Renewable Energy Resource Development in Kenya. <i>International Journal of Energy Production and Management</i> , 5(2), 157-174. https://doi.org/10.2495/EQ-V5-N2-157-174
11. Rotich, B., Makindi, S. M. , & Esilaba, M. O. (2020). Communities' attitudes and perceptions towards the status, use and management of Kapolet Forest Reserve in Kenya. <i>International Journal of Biodiversity and Conservation</i> , 12(4), 363-374. DOI: 10.5897/IJBC2018.1448
12. Kimani, N. M., Makindi, S. M. , & Aboud, A. A. (2020). Knowledge and Awareness Determinants of Renewable Energy Technologies: A Cross Sectional Study of Rural Residents from Njoro Constituency, Nakuru County, Kenya. <i>Journal of Environmental Science, Toxicology and Food Technology</i> , 14(8): 25-30. DOI: 10.9790/2402-1408042530
13. Kipkech, F. J., Makindi, S. M. , Juma, J., (2020). Monitoring Strategies on Patient Safety Practices among Healthcare Providers at Nakuru County Referral Hospital, Kenya. <i>International Journal of Community Medicine and Public Health</i> , 7(8), 2938-2943. http://dx.doi.org/10.18203/2394-6040.ijcmph20203366
14. Wekoye, S. A., Moturi, W. N., & Makindi, S. (2020) . Factors Influencing Non-compliance to Occupational Safety and Health Practices in the Informal Non-food Manufacturing Sector in Kampala City, Uganda. <i>Current Journal of Applied Science and Technology</i> , 38(6), 1-12. https://doi.org/10.9734/CJAST/2019/v38i630468

15. Makindi, S. M. , Mokuu, M., & Bob, U. (2019). Integrating Gender and Conservation of Biodiversity as a Climate Change Adaptation Strategy. <i>Environment and Forestry</i> , 132, 53377-53382. www.elixirpublishers.com
16. Gwada, B., Ogendi, G., Makindi, S. M. , & Trott, S. (2019). Composition of plastic waste discarded by households and management approaches. <i>Global Journal of Environmental Science and Management</i> , 5(1), 83-94. https://doi.org/10.22034/gjesm.2019.01.07
17. Omenge, P. M., Eshiamwata, G. W., Makindi, S. M. , & Obwoyere, G. O. (2019). Public Participation in Environmental Impact Assessment and its Substantive Contribution to Environmental Risk Management: Insights from EIA Practitioners and other Stakeholders in Kenya's Renewable Energy Sub-Sector. <i>WIT Transactions on Ecology and the Environment</i> , 237, 133-144. https://doi.org/10.2495/ESUS190121
18. Kigen, C. K., Muyekho, F. N., Masibayi, E. D., & Makindi, S. M. (2019a). Potential Tropical Climate-based Spatio-temporal Grass Variability. <i>Environmental Research Communications</i> , 1(2), 1-13. https://doi.org/10.1088/2515-7620/ab0cc7
19. Kigen, C. K., Makindi, S. M. , Muyekho, F. N., & Masibayi, E. D. (2019b). Spatio-temporal assessment of rainfall influence on vegetation in the arid and semi-arid lands of Kenya. <i>Journal of Environmental Science, Toxicology and Food Technology</i> , 13(10): 37-51. DOI: 10.9790/2402-1310013751
20. Mutungi, J. K., Moturi, W., & Makindi, S. (2019). Occupational Safety and Health Management Systems and Their Compliance among Petrol Stations in Kenya: A Case Study in Nakuru County. <i>Current Journal of Applied Science and Technology</i> , 37(2), 1-8. https://doi.org/10.9734/CJAST/2019/v37i230275
21. Wekoye, S. A., Moturi, W. N., & Makindi, S. M. (2019a). Occupational Safety and Health Hazards in Informal Non-food Manufacturing Sector in Kampala City, Uganda. <i>Asian Journal of Medicine and Health</i> , 14(2), 1-13. https://doi.org/10.9734/ajmah/2019/v14i230094
22. Wekoye, S. A., Moturi, W. N., & Makindi, S. M. (2019b). Knowledge and Attitudes on Practices of Occupational Safety and Health in Informal Non-food Manufacturing Sector in Kampala City, Uganda. <i>Current Journal of Applied Science and Technology</i> , 36(6), 1-12. https://doi.org/10.9734/CJAST/2019/v36i630266
23. Makindi, S. (2018). Community lessons on how humans and wildlife can co-exist. <i>The Conversation: Environment and Energy</i> , 102674. http://theconversation.com/community-lessons-on-howhumans-and-wildlife-can-co-exist-102674
24. Donde, O. O., Muia, A. W., Makindi, S. M. , Onyango, G. O., Ogalo, J. O., Kibet, C. J., & Bangding, X. (2018). Integrating MFT-qPCR techniques in constructed wetland faecal bacterial purification monitoring; a case of a typical tropical hybrid constructed wetland system. <i>Water Science and Technology</i> , 78(9), 2008-2018. https://doi.org/10.2166/wst.2018.475
25. Chege, B. G., Moturi, W. N., & Makindi, S. M. (2018). Physical Chemical Parameters of Wastewater: A Case Study of Njoro Sewage Works, Nakuru, Kenya. <i>Journal of Environment and Earth Science</i> , 18(12), 80-88. https://www.iiste.org/Journals/index.php/JEES/article/view/45742/47226
26. Makindi, S. M. , & Bob, U. (2017). Perceptions of Local Communities towards Wildlife-Based Tourism: The Case of Lake Nakuru National Park, Kenya. <i>Tourism Development Journal</i> , 15(1), 59-72. Institute of Vocational (Tourism & Hospitality) Studies, H.P. University, Shimla. https://hpuniv.ac.in/upload/uploadfiles/files/TDJ2017_Vol15_26.pdf

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11.2 Books and Book Chapters
1. Jebiwott, A., Ogendi, G. M., Makindi, S. M. , & Esilaba, M. O. (2019). Forest Cover Change and Its Impacts on Ecosystem Services in Katimok Forest Reserve, Baringo County, Kenya. In W. Leal Filho (Ed.), <i>Handbook of Climate Change Resilience</i> . Springer Nature, Switzerland AG 2019. https://doi.org/10.1007/978-3-319-71025-9_155-1
2. Kigen, C. K., Ochieno, D. M. W., Muoma, J. O., Shivoga, W. A., Konje, M., Onyando, Z., Soi, B. C., ... Makindi, S. M. (2015). Spatial Modeling of Sorghum Growing Areas in Kenyan Arid and Semi-Arid Lands. In Zeinabu et al. (Eds.) 2015. <i>Sustainable Land Management in Dry Lands of Kenya: Improving Land Productivity through Participatory Research and Technology Transfer</i> , Chapter 9. UNDP, Kenya. https://www.eld-initiative.org/fileadmin/pdf/slm_book.pdf
3. Stanley Makindi , (2012). <i>Sustainable Conservation Practice: The case of protected areas in Kenya</i> . LAMBERT Academic Publishing. GmbH & Co. KG. 66121 Saarbrücken, Germany. ISBN 978-3-8484-1189-4. https://www.amazon.ae/Sustainable-Conservation-Practice-Stanley-Makindi/dp/384841189X
11.3 Technical Reports Contribution
1. FAO. (2019). <i>A framework to assess the extent and effectiveness of community-based forestry</i> . Forestry Working Paper no. 12. Rome. https://www.fao.org/3/ca4987en/ca4987en.pdf
2. IUCN Kenya and Geo-Spatial Research International. (2021). <i>Assessment of the Socio Economic Role of Mangroves and their Conservation Framework in Kenya</i> . Nairobi: WWF, IUCN and Wetlands International. https://www.mangrovealliance.org/wp-content/uploads/2022/09/Kenya-Technical-Report-v05-FINAL-WEB.pdf
11.4 Reviewed Articles in Conference Proceedings
1. Ndalila, M. & Makindi, S. M. (2023). <i>Community Wildfire Preparedness around Mount Kenya Ecosystem</i> . Proceedings of the Machakos University 5 th Annual International Conference on Leveraging Research, Innovation and Technology for Socio-Economic Development, Machakos University, Kenya. 14 th -16 th June, 2023.

2.	Ndalila, M. & Makindi, S. M. (2022) . <i>Fire Regime Aspects in Mount Kenya in the Face of Increased Global Vulnerability to Wildfires</i> . Proceedings of the TIEMS 2022 Hybrid Annual Conference, Atlanta, Georgia, USA, 17 th -21 st October, 2022.
3.	Makindi, S. M. & Mugatsia, W. S. (2022). <i>Policy Framework on the Conservation and Management of Riparian Lands in Kenya</i> . Proceedings of the Machakos University 4 th Annual International Conference on Promoting Sustainable Development Through Disruptive Research and Innovation, Machakos University, Kenya. 28 th -30 th June, 2022.
4.	Ileri, B. K., Makenzi, P. M., Makindi, S. M. , & Minang, P. A. (2021). <i>Provisioning of Water Ecosystem Services in Kapingazi Catchment, Embu County, Kenya. Can Prospects of Willingness to Pay Improve Water Quality and Quantity within the Catchment?</i> IWRA'S XVII World Water Congress. Daegu, Republic of Korea. 29 November - 3 December, 2021. https://www.iwra.org/congress/2021/AO-D2-00915aa1.pdf?key=100
5.	Marziolia, P., Lorenzo, F., Federico, C., Diego, A., Mwaniki, C., Makindi, S. , Okello, C. Munzer J., Maurizio, T., Fabio, S. (2021). <i>The WildtrackCube-Simba Cubesat: Italian-Kenyan Mission for Wildlife Monitoring</i> . 72 nd International Astronautical Congress (IAC) – Dubai, 25-29 October 2021. https://iafastro.directory/iac/paper/id/66156/summary/
6.	Ileri, B. K., Makenzi, P. M., Makindi, S. M. , Minang, P. A., & Mirona, J. M. (2020). Provisioning of water ecosystem services in Kapingazi catchment, Embu County, Kenya. What are the anthropogenic activities impacting on their supply within the catchment? Egerton University 13 th Biennial International E-Conference. 24 th – 26 th November, 2020
7.	Makindi, S. M. (2019) . <i>Community Lessons on Participatory Forest Management (PFM) Performance within the Mau Forest Complex, Kenya</i> . In: Machakos University (2019): Proceedings of the 2 nd Annual International Conference on Supporting Green Growth and Knowledge Economy through Research, Innovation and Technology for Sustainable Development, Machakos University, 24 - 26 April, 2019. Machakos, Kenya. pp. 691-703. ISBN: 978-9966-117-37-3
8.	Omenge, P. M., Eshiamwata, G. W., Makindi, S. M. , & Obwoyere, G. O. (2019). <i>Public participation in Environmental Impact Assessment (EIA) and its substantive contribution in environmental risk management: Insights from EIA practitioners and other stakeholders in Kenya's renewable energy projects</i> , Energy and Sustainability VIII. 8th International Conference on Energy and Sustainability. Wessex Institute, UK and Itecons-University of Coimbra. Coimbra, Portugal. 3 - 5 July, 2019.
9.	Nabukwesi, M. K., Mutinda, M. N., & Makindi, S. M. (2018) . <i>Influence of Drought and Household Characteristics on Food Security among the Pastoral and Agro Pastoral Households in Mbirikani and Kimana Wards, Kajiado County</i> . International Conference on Science, Technology & Innovation for Sustainable Development in Dryland Environments. Umma University, Kenya. 21 - 23 November, 2018
10.	Omenge, P. M., Obwoyere, G. O., Makindi, S. M. , & Eshiamwata, G. W. (2018). <i>Renewable Energy Resource Development and Procedural Application of Environmental and Social Impact Assessment Tool: Lessons from Kenya</i> . 2 nd International Conference on Solar Technologies and Hybrid Mini-Grids to Improve Energy Access. Trama Tecnoambiental and the University of Balearic Islands. Palma (Mallorca), Spain. 17 - 19 October, 2018

11. Akala, H., Makindi, S. M. , & Esilaba, M. O. (2018a) . <i>Effects of Climate Variability on Foraging Behaviour of Bees: A Case Study of Marigat and Ratat Locations in Baringo County, Kenya</i> . 2018 International Conference. Harnessing Scientific Innovations for a Safer Planet. Faculty of Science, Obafemi Awolowo University, Ile-Ife, Nigeria. 1 - 5 October, 2018										
12. Akala, H., Makindi, S. M. , & Esilaba, M. O. (2018b) . <i>Assessment of Beekeeping Practices-Bee Pests, Status of Pest and Factors that Influence their Prevalence. A Case Study of Marigat and Ratat Locations in Baringo County, Kenya</i> . 2018 International Conference. Harnessing Scientific Innovations for a Safer Planet. Faculty of Science, Obafemi Awolowo University, Ile-Ife, Nigeria. 1 - 5 October, 2018										
13. Kimani, M. N, Makindi, S. M. , & Aboud, A. A. (2018) . <i>Influence of Socio and Economic Factors on Adoption of Renewable Energy Technologies among Rural Households in Njoro Constituency, Nakuru, Kenya</i> . The 12 th Egerton University International Conference. Egerton University, Kenya. 27 - 29 March, 2018.										
14. Kigen, C. K., Muyekho, F., Masibayi, E., & Makindi, S. (2016) . <i>Spatial assessment of climate based rangeland vegetation variability in Samburu and Marsabit Counties</i> . The 2 nd National Conference, Sentrim Elementaita, Kenya. Organised by UNDP. 1 - 4 June, 2016										
15. Kipchumba, A., Ogendi, G. M., Makindi, S. , Malala, J., & Moso, D. (2016) . <i>Effects of Water Abstractions on the Flow Regime in River Turkwel</i> . 10 th Egerton University International Conference and Agriculture Summit: Egerton University. Kenya. 30 March - 1 April, 2016										
16. Moso, D. C., Ogendi, G. M., Makindi, S. M. , Malala, J. O., & Maina, G. M. (2016) . <i>Pastoral Adaptation Strategies against Climate Variability in Turkana Central</i> . 10 th Egerton University International Conference and Agriculture Summit: Egerton University. Kenya. 30 March - 1 April, 2016										
17. Kigen, C. K., Makindi, S. , Masibayi, E. N., Agevi, H., Odira, Z., & Muyekho, F. (2015) . <i>Modelling Climate-based changes of sugarcane growing areas in Western Kenya</i> . In: Waswa et al. (Eds) 2016. Proceedings of the conference on Expanding Theoretical and Applied Roles of GIS in a Dynamic Global Environment. Masinde Muliro University of Science and Technology. (177-183). Kakamega, Kenya. 13 - 14 August, 2015										
18. Njuki, R., Makindi, S. , & Mokuia, M. (2012) . <i>Factors influencing the adoption of sustainable land management practices in the Upper Mara River Basin</i> . The 3 rd Lake Victoria Basin (LVBC) Regional Scientific Conference. Entebbe, Uganda. 22 - 23 October, 2012										
19. Makindi, S. M. , Aboud, A. A., & Mutinda, M. N. (2011) . <i>Approaches to Managing Human-Wildlife Conflicts in Kenya: The case of Tsavo Conservation Area</i> . The 4 th NCST National Conference. KICC, Nairobi, Kenya. 3 - 6 May, 2011										
12. SUPERVISION OF POSTGRADUATE STUDENTS										
12.1 Completed/ Graduated										
<table border="1"> <thead> <tr> <th>S/No.</th> <th>Year</th> <th>Name of student</th> <th>Programme/ Institution</th> <th>Title of Thesis</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	S/No.	Year	Name of student	Programme/ Institution	Title of Thesis					
S/No.	Year	Name of student	Programme/ Institution	Title of Thesis						

Doctorate (Ph.D.)				
1.	2023	Philip Manyi Omenge (ND11/14619/15)	Ph.D. Natural Resources Management and Peace. Egerton University, Kenya.	<i>“Evaluation of the Effectiveness of Environmental Impact Assessment in Conflict Identification and Prevention for EIA Licensed Projects in Kenya”.</i>
2.	2019	Oscar Omondi Donde (2015A8011908296)	Ph.D. Environmental Science. University of Chinese Academy of Sciences, China.	<i>“Source Tracking and Removal Efficiency of Faecal Pathogenic Bacteria in Lake and Constructed Wetland Ecosystems”.</i>
3.	2019	Stephen Aurice Wekoye (ND15/14692/15)	Ph.D. Environmental and Occupational Health. Egerton University, Kenya.	<i>“Occupational Safety and Health Status in the Informal Non-Food Manufacturing Sector in Kampala, Uganda”.</i>
4.	2019	Charles Kipsang Kigen (SSE/LH/01/15)	Ph.D. Environmental Science. Masinde Muliro University of Science and Technology, Kenya.	<i>“Impacts of Climate Change on Spatial and Temporal Distribution of Rangeland Vegetation in Kenya”.</i>
Masters				
5.	2023	Fancy J. Kipkech (MHSM/2018/2237 1)	M.Sc. Health Systems Management. Mount Kenya University, Kenya	<i>“Assessment of Strategies on Patient Safety Practices Among Healthcare Providers at Nakuru County Referral Hospital, Kenya”.</i>
6.	2023	Martin Njoroge Kimani NM12/51517/14	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Assessing the Determinants of Adoption of Renewable Energy Technology among Rural Households in Njoro Constituency Nakuru, Kenya”.</i>
7.	2021	Erick Oluoch Opondo (PAU-UI-0469)	M.Sc. Environmental Management. Pan African University of Life and Earth Sciences (PAULESI), University of Ibadan, Nigeria.	<i>“Assessment of Environmental and Socio-economic Impacts of Quarrying Activities in Border II Sub-location, Nyando Sub-County, Kisumu County, Kenya”.</i>

8.	2021	Joshua Kyalo Mutungi (NM15/51502/14)	M.Sc. Environmental and Occupational Health. Egerton University, Kenya.	<i>“Assessment of Occupational Hazards awareness and Safety Practices among Petrol Service Stations in Nakuru County, Kenya”.</i>
9.	2020	Simon Odero Ouko (17S03DMEV001)	M.Sc. Environment and Natural Resource Management. Africa Nazarene University, Kenya.	<i>“Selected Factors Influencing Management of Hazardous Solid Waste in Obunga and Migori Residential Areas in Kisumu County, Kenya”.</i>
10.	2020	Pauline Wambura Tatua (18M01DMEV008)	M.Sc. Environment and Natural Resource Management. Africa Nazarene University, Kenya.	<i>“Influence of Household Livelihood Strategies on the Socioeconomic Wellbeing of Communities Living along the Coastal Strip of Msambweni in Kwale County, Kenya”</i>
11.	2019	Brenda C. Gwada (NM12/14178/15)	M.Sc. in Environmental Science. Egerton University, Kenya.	<i>“The Management and Impacts of Plastic Waste in Watamu, Kilifi County, Kenya”.</i>
12.	2019	Akala Haron (NM12/14173/15)	M.Sc. in Environmental Science. Egerton University, Kenya.	<i>“Impacts of Climate Variability on Honey Production: A case of Ratat and Marigat, Baringo County, Kenya”.</i>
13.	2019	Bancy Gathoni Chege (NM12/51513/14)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Factors Affecting Efficiency of Industrial Wastewater Treatment: Case Study of Njoro Industrial Sewage Works, Nakuru County, Kenya”.</i>
14.	2018	Maxine Khakasa Nabukwesi (16S03DMEV001)	M.Sc. Environmental Science. Africa Nazarene University, Kenya.	<i>“Assessment of the Effects of Drought and Socio-Economic factors on Household Food Security in Mbirikani and Kimana Wards, Kajiado County, Kenya”.</i>
15.	2017	Tabitha M. Kwasira (MPH/2013/41259)	M.Sc. Public Health. Mount Kenya University, Kenya.	<i>“Effects of Community Health Strategy Implementation on Health Care Utilization Among Residents of Nakuru Central Sub County, Nakuru County, Kenya”.</i>

16.	2016	Moso C. Daisy (NM12/3636/13)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Assessment of the Effects of Climate Variability on Pastoralism and the Adaptation Strategies in Turkana Central Sub-County, Kenya”.</i>
17.	2016	Jebiwot Alice (NM12/3714/13)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Forest Cover Change and Ecosystem Services of Katimok Forest Reserve, Baringo County, Kenya”.</i>
18.	2016	Emily W. Kimani (MPH/2013/40624)	M.Sc. Public Health. Mount Kenya University, Kenya.	<i>“Non- Biodegradable Disposable Diaper Usage and Disposal Practices among Caregivers in Middle Income Estates of Nakuru Sub County, Kenya”.</i>
19.	2016	Joel K. Bett (MPH/2013/41061)	M.Sc. Public Health. Mount Kenya University, Kenya.	<i>“Assessment of Solid Waste Management among Households in Kaptembwa Location in Nakuru West Sub-County, Nakuru County, Kenya”.</i>
20.	2016	Jane K. Kinoti (MPH/2013/43616)	M.Sc. Public Health. Mount Kenya University, Kenya.	<i>“A survey of Handwashing as a Prevention of Diarrhoea Diseases among Primary School Pupils in Njoro Sub-County, Nakuru Kenya”.</i>
21.	2016	Judith J. Cheruiyot (MDS/2013/61417)	M.A. Development Studies. Mount Kenya University, Kenya.	<i>“Challenges Facing District Peace Committees in Conflict Resolution in Molo Sub-County, Nakuru County, Kenya”.</i>
22.	2016	Justus M. Musau (MDS/2013/61417)	M.A. Development Studies. Mount Kenya University, Kenya.	<i>“Fire Disaster Preparedness among Public Secondary Schools in Nakuru Sub-County, Nakuru County, Kenya”.</i>
23.	2015	Elly Y. Arukulem (NM12/2750/10)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Characterization of Climate Variability and the Associated Adaptive Strategies by Smallholder farmers in Senetwo Location, West Pokot County, Kenya”.</i>
24.	2015	Alice B. Gwako (NM12/1449/05)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Assessment of land degradation in the River Lobo Watershed of Baringo County, Kenya”.</i>

25.	2014	Brian R. Kanyongi (NM12/2740/10)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Forest Resources Utilization and Conflicts in Kapolet Forest, Cherangani Hills, Kenya”.</i>
26.	2014	Richard K. Rop (NM12/2851/10)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Impact of Anthropogenic Activities on Bacteriological Water Quality of Nyangores River, Mara Basin-Kenya”.</i>
27.	2014	Fredrick K. Chepsat (EM11/2932/11)	M.Sc. Agricultural Education. Egerton University, Kenya.	<i>“Contribution of Microfinance Credit on Poverty Reduction among the Rural Women in Keiyo North Sub-County, Elgeyo-Marakwet County, Kenya”.</i>
28.	2014	Wilson K. Kiplangat (NM11/2270/08)	M.Sc. Natural Resources management. Egerton University, Kenya.	<i>“An Analysis of Hotel Rating and its implication on Financial Turnover of Rated Hotels in Kenya”.</i>
29.	2013	Robinson M. Njuki (NM12/2733/10).	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Factors Influencing the Adoption of Sustainable Land Management Practices in the Upper Mara Basin: Amalo and Kiplabotwa Locations, Kenya”.</i>
30.	2012	Godwin L. Muhati (NM12/1738/06)	M.Sc. Environmental Science. Egerton University, Kenya.	<i>“Status of Acacia xanthophloea (Benth) and the Effects of Damage rates on the Regeneration of Trees in Olpejeta Conservancy, Kenya”.</i>

12.2 Ongoing Supervision

Name of student	Title of Thesis/ Research proposal	Level and Institution	Status
Post-Doctoral Fellow			
Dr. Mercy Ndalila	<i>“Wildfire regimes across several ecosystems, spanning the wet Afromontane forests to the Savanna ecosystems in Kenya”.</i>	Post-Doctoral Fellow. Department of Environmental Sciences Machakos University, Kenya.	Research Field Work

Doctorate (Ph.D.)			
Charles Abanga (ND15/12276/16)	<i>“Bus body building activities and their effects on workers’ safety and health in Kenya”.</i>	Ph.D. Environmental and Occupational Health. Egerton University, Kenya.	Submitted Thesis for Examination
Rerimoi J. Mengich (ND13/0309/11)	<i>“Diversification of Tourism Products on the Western Tourist Circuit, Kenya: Stakeholders Perceptions of Geotourism Potential in Baringo County”.</i>	Ph.D. Geography. Egerton University, Kenya.	Submitted Thesis for Examination
Masters			
Burnice Karimi Ileri (NM12/3701/13)	<i>“Assessment of the Potential of Payment for Ecosystem Services in Kapingazi Catchment in Enhancing Environmental Quality of Kapingazi River, Kenya”.</i>	M.Sc. Environmental Science. Egerton University, Kenya.	Ongoing
Reinhard Endeki (NM12/3612/15)	<i>“Assessment of the Adoption of Agroforestry Practices in Improving Livelihoods in Vihiga District, Kenya”.</i>	M.Sc. Environmental Science. Egerton University, Kenya.	Ongoing
12.3 Theses/Dissertations Examination			
A. External Examination			
Doctorate (Ph.D.)			
Year	Name of student	Title of Thesis/ University	Level/ University
2022	Evelyn Jane Mutunga (B502/MAI/30001/2018)	<i>“Farmers’ Vulnerability to Climate Variability and Extreme Events in Contrasting Agro-ecological Zones in Kitui County, Kenya”.</i>	Ph.D. Environmental Management. South Eastern Kenya University, Kenya.
2018	Puleng Moipone Morake (2010556934)	<i>“An assessment of biodiversity conservation strategies and community perceptions towards conservation in Lesotho”.</i>	Ph.D. Environmental Science. College of Agriculture, Engineering and Science. University of KwaZulu-Natal, South Africa.
2017	Poobalan Troy Govender (202524817)	<i>“Climate Change Learning in an Electricity Utility: The Distribution Division Case Study”.</i>	Ph.D. Environmental Science. College of Agriculture, Engineering and Science.

			University of KwaZulu-Natal, South Africa.
2015	Tanyaradzwa Chigonda (212548204)	<i>“Biodiversity Conservation and Rural Livelihoods: A Comparative study of Selected Conservation Approaches in Zimbabwe”.</i>	Ph.D. Environmental Science. College of Humanities. University of KwaZulu-Natal, South Africa.
Masters			
2023	Verene Nyiramvuyekure (NM11/09037/20)	<i>“Effect of Stem Maize and Planting Orientation on Vegetative Propagation of African Teak (Milicia exceisa (Welw.) Ecotypes in Kenya”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.
2023	Festus Kitonga Wambua (1501/KIT/20599/2015)	<i>“An Analysis of Commercial Banks Responses to Climate Change. A case of Commercial Banks in Kitui County, Kenya”.</i>	M.Sc. Environmental Management. South Eastern Kenya University, Kenya.
2022	George Onunga Ochieng’ (SEV/G/08/2015)	<i>“Evaluation of the Environmental Health Risks of Slaughter Wastes on Water Sources next to Abattoirs in Lurambi, Sub-County, Kakamega County, Kenya”.</i>	M.Sc. Environmental Science. Masinde Muliro University of Science and Technology, Kenya.
2022	Jemimah Achieng Ocholla (NM11/09039/20)	<i>“Influence of Gap Size on Microsite Conditions, Regeneration, Structure and Species Diversity of Woody Vegetation in South-Western Mau Forest, Kenya”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.
2022	Olweny Noel Otieno (NM11/1968/07)	<i>“Factors Affecting Acacia Drepanolobium and Crenatgaster Ants interaction in Ol Pejeta Conservancy, Kenya”.</i>	M.Sc. Natural Resources Management, Egerton University, Kenya.
2021	Jackline Atieno Omondi (NM11/12010/17)	<i>“Seed-Borne Fungal Organisms Associated with Germination Success of Terminalia brownii (Fresen) in Drylands of Kenya”.</i>	M.Sc. Natural Resources Management, Egerton University, Kenya.
2021	Samwel Osee Ochieng (NM11/2482/09)	<i>“The Potential for Forest Concession as a Plantation Management Tool in Koibatek and Maji Mazuri Forests, Kenya”.</i>	M.Sc. Natural Resources Management, Egerton University, Kenya.

2017	Evelyn Jane Mutunga (1501/KIT/20604/2015)	<i>“Small scale farmers’ perceptions and adaptations to climate change and variability in Kitui County: A case study of Kaveta and Mikuyuni Villages”.</i>	M.Sc. Environmental Studies. School of Agriculture and Environmental studies. South Eastern Kenya University.
2016	Princess Duduzile Cele (212557310)	<i>“Sustainable Agricultural Practices in Smallholder Farming Systems: A Case Study of Smallholder Farmers in Port Shepstone, KwaZulu-Natal”.</i>	M.Sc. Geography. School of Agriculture, Earth and Environmental Sciences. University of KwaZulu-Natal, South Africa.
2016	Sukunatu A. Gonjobo (MDS/2014/65180)	<i>“An assessment of the contribution of livestock ownership to socio-economic development of pastoralist in Bori location Marsabit County, Kenya”.</i>	M.A. Developmental Studies. Department of Social and Development Studies. Mount Kenya University, Kenya.
2016	Alex Gitonga Muthamia (MDS/2014/61274)	<i>“An investigation on the reluctance of informal sector members to take up National Hospital Insurance Fund membership: A case of Nyandarua County, Kenya”.</i>	M.A. Developmental Studies. Department of Social and Development Studies. Mount Kenya University, Kenya.
2015	Sakhile B. Nsukwini (208527210)	<i>“An Investigation of the Socio-economic Impacts of Ecotourism in rural Areas: A case Study of Nompondo, a Community Bordering the Hluhluwe-iMfolozi Park (HiP)”.</i>	M.Sc. Geography. School of Agriculture, Earth and Environmental Sciences. University of KwaZulu-Natal, South Africa.
B. Independent Internal Examination			
Year	Name of student	Title of Thesis/ University	Level/ University
Doctorate (Ph.D.)			
2017	Chemuku Wekesa (ND11/0463/14)	<i>“Assessment of the Effects of Fragmentation on Forest Cover Dynamics, Tree Species Diversity and Carbon Stocks in Taita Hills, Kenya”.</i>	Ph.D. Natural Resources Management. Egerton University, Kenya.
2012	Mark Ndunda Mutinda	<i>“Inventory, Management and Rehabilitation of Vulnerable Key Pastoral and Agro-Pastoral Resources in Baringo County, Kenya”.</i>	Ph.D. Natural Resources Management. Egerton University, Kenya.
Masters			
2016	Carolyn Busuru (NM11/2464/09)	<i>“Propagation and Regeneration of the African Cherry, Prunus Africana (Hook.f.) Kalkm. in Kakamega Forest Kenya”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.

2016	Donatus E. Gadiye (NM11/3708/13)	<i>“Population Dynamics and Feeding Ecology of the Black Rhino (Diceros bicornis) in Ngorongoro Conservation Area, Tanzania”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.
2016	Lessah Mandoloma (NM11/3636/13)	<i>“Effects of Wildlife Management Regimes on Ecotourism Based Livelihoods in Southern Malawi”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.
2014	Faith Milkah Wakonyo Ngungi	<i>“Fragmentation of Eastern Mau Forest and its Effects on Avifauna’s Composition, diversity and Fluctuating Asymmetry: A Case Study of River Njoro Watershed, Kenya”.</i>	M.Sc. Environmental science. Egerton University, Kenya.
2013	Richard Ochieng	<i>“Rainfall Variability and Adaptation Mechanisms by Smallholder Farmers in Kwale County: A Case Study of Samburu and Tsimba Locations”.</i>	M.Sc. Geography. Egerton University, Kenya.
2012	Ednah C. Koskei	<i>“Effect of Urban Population Growth on Household Access to Water and Sanitation in Bomet Town, Kenya”.</i>	M.Sc. Geography. Egerton University, Kenya.
2011	Eugene F. Lusweti	<i>“An Analysis of Forest Resource Utilization Conflicts in the Tana Delta District, Kenya”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.
2011	George Kobia Kimathi	<i>“Assessment of Water User Associations in the Effective Management of Closed Water Distribution System”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.
2011	Gilbert M. Kiambi	<i>“The Role of Stock Friends in Poverty Alleviation: The Case of Ngomeni Community of Mwingi District in Kenya”.</i>	M.Sc. Natural Resources Management. Egerton University, Kenya.

13. CERTIFICATES AND LETTERS OF RECOGNITION

1.	Letter of Appreciation (2023): For serving as Chairman (5 th Innovation and Exhibition Week), Machakos University, 24 th – 25 th May, 2023.
2.	Letter of Appreciation (2023): For serving as Acting Registrar (Research, Innovation and Linkages, Machakos University, 3 rd February, 2022 to 5 th February, 2023.
3.	Letter of Appreciation (2021): For participating as a Member of the Committee for the 3 rd International Conference, Machakos University, held on 23-25 th June, 2021.
4.	Letter of Appreciation (2019): For participating as a Panelist during a public lecture on: <i>“Discourse on Public perception on Biotechnology: Role of Biosafety Regulations in Kenya and Concerns in GMOs”</i> at Machakos University held on 12 th June, 2019.
5.	Certificate of Appreciation (2011): For participating as a Trade Judge in the Nakuru National Agricultural Show, Kenya.
6.	Certificate of Appreciation (2011): In recognition of valuable contribution during the preliminary draw for the 2010 FIFA World Cup, Durban, South Africa.

14. MEMBERSHIP TO PROFESSIONAL ASSOCIATIONS/ BODIES	
Member (EIK/1/4579)	Environment Institute of Kenya (EIK)
Lead Expert (2782)	National Environment Management Authority (NEMA)
Member (10504340)	International Association of Impact Assessment (IAIA)
Member (67356)	Society for Conservation Biology (SCB)

CERTIFICATION

These data correctly describe me, my qualifications and my experience.



Date: 07/11/2023

Stanley Maingi Makindi