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### EDUCATION

2014	Ph.D., Environmental Science	University of the Witwatersrand, South Africa.
2002	M.Sc. in Natural Resources Management	Egerton University, Kenya.
1995	B.Sc. . in Natural Resources Management	Egerton University, Kenya
1984	Diploma in Ranch Management	Egerton College (Now Egerton University)

### FIELD OF SPECIALIZATION

Biodiversity conservation
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### WORK EXPERIENCE

JAN 2019	Appointed Chairperson of the Department of Environmental Science
MAY 2015	Senior Lecturer Department of Environmental Science
May 2015	Member of Faculty post graduate committee
May 2013	Appointed Team Member for the implementation of ISO 14001 (EMS)
2012-Present	Appointed the coordinator of Environmental Impact Assessment training course in the Department of Environmental Science, Egerton University
March-April 2012	Short listing Panel member for the Long Term Awards Australian Awards for Africa
2011-2014	Faculty Representative to Board of Graduate School, Egerton University
Oct. 2010-April 2015	Lecturer Department of Environmental Science
2003-2010	Assistant lecturer,, Department of Environmental Science, Egerton University
1988-2002	Senior technician, Egerton University
1984-1987	Technical Officer, Ministry of Agriculture and Livestock Development, Kenya

### RESEARCH PROJECTS

2007-2008	Wildlife-Livestock interaction in Semi-arid lands in Kenya-sponsored by Egerton University-University of the Witwatersrand. PhD
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1999-2000	Resource Use Conflict Resolution among Samburu Pastoral Communities, Kenya, funded by PARIMA of Global Livestock Collaborative Project-Msc
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### REVIEWED PROJECTS

2016	<b>Enhancing Response Mechanisms of Smallholder Farmers to Impact of Climate and Environmental Change in Laikipia County, Kenya:</b> Obwoyere, G.O.O. and Nakhone, L. W.
2015	<b>IPMforCDN:</b> Interdisciplinarity, Participation And Modeling for wildlife Conservation and Rural Development around Nairobi National Park, Kenya

### CONFERENCES AND WORKSHOPS

May, 1989	Participated in training workshop on Multipurpose trees and shrubs Germplasm collection
June, 1998	Participated in First Biannual Workshop on Pastoral Risk Management (PARIMA), by GL-CRSP, Addis Ababa, Ethiopia.
June 1999	Trained in Participatory Rural Appraisal (P.R.A).
July 1999:	Participated in Research Seminar on “Impacts of Project Food Aid on Production and Nutrition.
June 2001	Participated in Second Biannual Workshop on Pastoral Risk Management., Egerton University
Sept 2009	Participated in a workshop on poster presentation and writing of an abstract, at the University of the Witwatersrand, South Africa.
Nov. 2010	Participated in Proposal Writing Workshop (24 <sup>th</sup> – 26 <sup>th</sup> November) at Egerton University, Njoro, Kenya.
June 2012	Participated in training workshop on Implementation of an Environmental Management Systems according to ISO 14001.
March 2013	Participated in Inter-Ministerial and inter-University Forum for Enhancing Climate Change Capacities in Kenya
June 2013	Participated in a National Stakeholders forum on improved access to Safe water and agricultural yields using Japanese water purification Technologies.
Sept. 2013	Internal Audit training in Environmental management Systems (ISO 14001)
March 2015	Participated in 9 <sup>th</sup> Egerton University International Conference.
March 2015	Participated in Master of Research and Public Policy orientation workshop
September 2015	Self assessment of quality programmes workshop- Egerton University

December 2015	Presentation: “Environmental Stewardship” in an international course on sustainable agriculture-Egerton University
December 2017	ISO 14001:2015 Implementation course, Egerton University, Kenya.
March 2018	Staff Retooling Workshop on the use of case Studies in Teaching. Egerton University, Kenya.
March 2019	National Forum for Universities, TVETS and Industry Actors in the Agricultural Sector Program, Naivasha, Kenya

#### PAPERS PRESENTED IN CONFERENCES

October 2018	Faculty of Science International Conference, Obafemi Awolowo University Campus, Ile-Ife, Nigeria. Papers presented: “Effects of climate variability on foraging behavior of bees, a case study of Marigat and Radat locations in Baringo County, Kenya” and “ Assessment of beekeeping practices- Bee pests, status of pest and factors that influence their prevalence, a case study of Marigat and Radat locations of Baringo County, Kenya.
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#### DUTIES AND RESPONSIBILITIES

1	Teaching National Disaster Management course to Military Officers
2	Supervision of Post-graduate students
3	Academic advising to students
4	Coordination of Environmental Impact Assessment (EIA) training, Department of Environmental Science, Egerton University, Kenya.
5	Conducting EMS internal audit, Egerton University

#### PROFESSIONAL MEMBERSHIP

1.	Internal Auditor, Environmental Management Systems (ISO 14001)-KEBS, Kenya
2	Committee member for the implementation of Environmental Management Systems (ISO 14001) Egerton University, Kenya
3.	Member of Centre for Action and Applied Research for Development (U) Limited
4.	Chairman-Board of Management: Ebulonga Secondary School, Emuhaya, Vihiga County
5.	Life member of Egerton University Alumni Association

#### CONSULTANCY

Organization	Year	Tasks
FAO	2017	Migration and energy access in the context of climate change: A case study of the drivers and impacts of rural-urban migration

		and charcoal production in Samburu County, Kenya
FAO	2015	Assessment of Safe Access to Fuel and Energy (SAFE) in Marsabit, Meru and Kitui Counties, Kenya-
Australian Govt	2012	Selection of Msc students for Australian African Award Scholarships-Nairobi

#### PUBLICATIONS (Refereed journals)

1	Akala, H, Makindi, S.M. and Esilaba, M.O. 2018. Effects of Climate Variability on Foraging Behaviour of Bees: A Case Study of Marigat and Ratat locations in Baringo County, Kenya. <i>Elixir Earth Science</i> <b>122 (2018) 51690-51693</b>
2	Walela, H.B., Mokua, M.A., Esilaba, M.O and Chege, M.G. 2018. Environmental management practices among small and medium manufacturing enterprises in Nakuru Town, Kenya. <i>International Journal of Academic Research and Development</i> . <b>Volume 3; Issue 4. Page 179-182</b>
3	Jebiwott, A., Ogendi, G.M., Makindi, S.M. and Esilaba, M.O. 2016. Drivers of Forest Cover Change and Indicators of Climate Change in Katimok Forest Reserve. <i>Imperial Journal of Interdisciplinary Research</i> . <b>Vol. 2, Issue 11</b> , 2016
4	Bett, J.K., Esilaba, M.O., Makindi, S.M. 2016. Assessment of Solid Waste Management among Households in Kaptembwa Location in Nakuru West Sub-County, Nakuru County, Kenya. <i>Journal of Recent Research in Interdisciplinary Sciences (IJRRIS)</i> . Vol. 3, Issue 1. 2016
5	Bidali, F., Esilaba, M.O., Makenzi, P. and Nyamao, W. 2016. The effectiveness of Kenya's Forest policy in Forest Rehabilitation: A case study of Mau Forest Complex, Nakuru County, Kenya. <i>Journal of Forestry</i>
6	Elizabeth Kiptoo <sup>1*</sup> , Moses Esilaba <sup>3</sup> , George Kobial <sup>1</sup> and Raphael Ngunire <sup>2</sup> . 2015. Factors influencing low immunization coverage among Children between 12-23 months in East Pokot, Baringo County, Kenya. <i>International Journal of Vaccines and Vaccination</i> . <b>Vol. 1 Issue 2</b>
7	Millicent A. Mokua, Stanley M. Makindi, Moses Esilaba. 2014 The Cost-Benefit Analysis of Fisheries Management Systems in Kenya: The Case of Lake Victoria. <i>Eastern Africa Social Science Research Review Journal</i> , Vol. <b>30</b> No. 2. Addis Ababa, Ethiopia.
8	Esilaba, M.O., Obwoyere, G.O.O., Tangu, J.K. and Mokua, M.A. 2014. Resource use conflict resolution and poverty alleviation among pastoral communities in Samburu, County, Kenya. <i>Palgo journal of Education Research</i> . <b>2</b> : 108 – 115.
9	Mokua, M.A., Makindi, S.M. and Esilaba, M.O. 2014. Management of Fisheries Resources In Lake Victoria: An Assessment of Institutional Capacity in the Kenyan Fisheries Department. <i>J. of Envnt. And Nat. Res. Mgt and Soc. (JENRS)</i> <b>Vol. 2. Issue 1</b> . Pp.91 – 99.
10	Rotich, B., Makindi, S.M. and Esilaba, M.O. 2014. Sengwer Community and their dependency on Kapolet Forest Resources of Cherangany Hills Kenya. <i>J. of Envnt. And Nat. Res. Mgt and Soc. (JENRS)</i> <b>Vol. 2. Issue 1</b> . Pp. 81 – 90.

11	Tangus, J., Esilaba, M.O. and Mokuu, M.A. 2014. Influence of Enterprise Diversification on Risk Management amongst Samburu Pastoralists of Kenya. <i>J. of Bus. Man. &amp; Admin. Res. (JBMA)</i> . <b>Vol.2</b> (1): pp.1 – 6.
12	Esilaba, M.O., Maara, T.N. and J.K. Tangus. 2007. Impact of Human-Wildlife Conflict Resolution on Wildlife Conservation and Socio-economic Welfare of Pastoral Communities. <i>Eastern Africa Social Science Research Review Journal</i> , Vol. <b>XXIII</b> , No.2 Addis Ababa, Ethiopia.
13	Esilaba, M.O. 2005. Household Production and Risk Management among pastoral communities in Samburu District, Kenya. <i>Eastern Africa Social Science Research Review Journal</i> , Vol. <b>XXI</b> No. 2. Addis Ababa, Ethiopia.

### BOOKS

1	<i>Effect of wildlife on forage selection by cattle (Bos indicus Lichtenstein) in a semi-arid environment, Kenya</i> . Lambert Academic Publishing, Heinrich-Bocking-Str. 6 – 8, 66121, Saarbrücken, Germany. (No. <b>978-3-659-61508-5</b> ).
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### SUPERVISION

1	<b>Brian Rotich Kanyongi</b> : M.Sc thesis entitled “Unsuitable Forest management and Forest Use Conflicts in Kapolet Forest, Cherangany Hills, Kenya”.
2	<b>Dorothy Musimbi Evalia</b> : M.Sc thesis entitled “Assessment of Socio-Economic and Physical Environmental Factors affecting the adoption of Zero Grazing Technology in Samia Sub-County, Kenya.
3	<b>Elizabeth Kiptoo</b> : Msc. Thesis entitled “Factors Influencing Low Immunization Coverage in East Pokot, Baringo County” Kenya
4	<b>Kamundia, John</b> : Msc. Thesis entitled “Assessment of disaster preparedness ; A review case of Nyamira County Referral Hospital, Nyamira County, Kenya”.
5	<b>Joel k. Bett</b> : Msc. Thesis entitled “Assessment of solid waste management among households in Kaptembwa location in Nakuru west sub-county, Nakuru county”, Kenya
6	<b>Flora Bidali</b> : Msc Thesis entitled “The effectiveness of Kenya’s Forest policy in Forest Rehabilitation: A case study of Mau Forest Complex, Nakuru County, Kenya”
7	<b>Walela Hillary Barasa</b> : Msc. Thesis entitled “Environmental management practices practices among small and medium manufacturing enterprises in Nakuru, Kenya”
8	<b>Akala, Haron</b> : Msc. Thesis Eentitled “Effects of Climate Variability on Foraging Behaviour of Bees: A Case Study of Marigat and Ratat locations in Baringo County, Kenya”.
9	<b>Nicholas Kipkurui Bii</b> : Child oriented environmental education and its influence on the implementation of best environmental practices by students in Laikipia North Sub-county, laikipia County, Kenya
10	<b>Magdalene Cheptum</b> : Msc. Thesis entitled “Effects of Lantana Camara l. on the floristic composition and diversity of selected indigenous plant species in Oldonyo-

	Sabuk National Park, Machakos County, Kenya
11	<b>Jerusha Njeri Gichuru:</b> Msc Thesis entitled “Anthropogenic Influences on The Ecological Integrity of The Wildlife Habitat Along Kiserian-isinya Wildlife Migratory Corridor In Kajiado County, Kenya”

#### EXTERNAL THESIS EXAMINATION

1	<b>Mr. Klerkson Okomboli Lugusa.</b> Thesis entitled “ Fodder Production as an Adaptation Strategy in the drylands: A case Study of Drylands of Baringo County in Kenya” 2015
2	<b>Mr. Eric Ouma Omollo.</b> Msc thesis entitled “Analysis of Fodder Production and Marketing in the Rangelands of Southern Kenya. 2017

#### RESEARCH INTERESTS

Sustainable utilization of ASAL resources
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#### REFEREES

1	<b>Prof. A. A. Aboud:</b> Department of Natural Resources, Egerton University, Box 536, 20115, EGERTON, KENYA
2	<b>Dr. S.M. Makindi:</b> <i>Department of Environmental Science, Egerton University, Box 536, 20115, EGERTON, KENYA</i>
3	<b>Dr. M.A. Mokuu:</b> Department of Environmental Science, Egerton University, Box 536, 20115, EGERTON, KENYA