

	Francis Mwaura PhD, MSc, B.Sc Biodiversity, Ecosystems & NRM Expert Associate Professor/ Consultant
Personal information	
Surname(s) / First name(s)	Mwaura Francis
Contacts	Department of Geography & Environmental Studies Hylop Bld (Level 3) Office 307A P.O. Box 79972-00200 University Way, Nairobi, KENYA www.uonbi.ac.ke https://profiles.uonbi.ac.ke/mwauraf/ Office: (+254-020) 331 82 62 Ext. 28016/28182 & +254-0722 369 133 Mobile: (+254] 0722-90 64 60) mwauraf@uonbi.ac.ke or francismwaura2013@gmail.com
Nationality	Kenyan
Date of birth	26th July 1962
Gender	Male
Current status	Associate Professor/Consultant & Researcher – Biodiversity, ecosystems and NRM
Education	PhD, M.Sc & B.Sc

Education and training	
1995 – 2004	PhD (Biogeography)
	Doctoral research - Limnogeography and utilization of small high-altitude tropical man-made reservoirs in Eastern Rift Valley, Kenya
	Institution - University of Nairobi
1987 – 1992	M.Sc (Biogeography)
	M.Sc. research - Hydrochemistry, lake level and vegetation dynamics in the Lake Elementaita Basin, Kenya
	Institutions - University of Nairobi, Kenya & McGill University, Canada
1984 - 1987	B.Sc (Geography, Botany & Zoology)
	B.Sc research – Factors affecting inland fisheries in Kenya: A case study of Lake Naivasha, Kenya
	Institution - University of Nairobi

Language skills	(1 - excellent; 5 - basic)			
	Language	Reading	Speaking	Writing
	English	1	1	1
	Kiswahili	1	1	1

MEMBERSHIPS OF PROFESSIONAL BODIES	
TIME FRAME	PROFESSIONAL BODY
Currently	<ol style="list-style-type: none"> 1. Africa Nature People for Nature (P4N) 2. Eastern Africa Population, Health and Environment (PHE) Network 3. Environment Institute of Kenya (EIK) 4. Heritage Conservation and Human Rights (HCHR) Network
Previously	<ol style="list-style-type: none"> 1. International Biogeography Society (IBS) 2. International Association of Hydrogeologists (IAH) 3. International Water History Association (IWHA)

CAREER PROFILE

2019-present	<p>1. Associate Professor, Department of Geography & Environmental Studies, University of Nairobi, Kenya (http://geography.uonbi.ac.ke)</p> <p>Main activities and responsibilities: Research, training, supervision and examination of undergraduate, masters and PhD programs in biogeography, environment and natural resources management</p> <p>Thematic Head – Biogeography and NRM program</p>
2005-present	<p>2. Free time Associate Consultant, University of Nairobi & Habitat Planners, Nairobi, Kenya (www.habitatplanners.co.ke)</p> <p>Main activities: Environment and Natural Resources Management including; Biodiversity and ecosystem management, Wildlife surveys, Vegetation surveys, Rangeland, forest and wetland surveys, Environmental and natural resources management planning, Ecosystem degradation mapping, Ecosystem restoration planning, Strategic environmental assessment (SEA), Environmental and social impact assessment (ESIA), Environmental audits, Environmental valuation, Trans boundary ecosystem management</p>
2005 – 2018 (13 yrs)	<p>3. Senior Lecturer & Researcher, Department of Geography & Environmental Studies, University of Nairobi, Kenya</p> <p>Main activities and responsibilities: Research, training, supervision and examination of undergraduate, masters and PhD programs in biogeography, environment and natural resources management</p>
Key roles & responsibilities	<ol style="list-style-type: none"> a) Departmental Coordinator, MA/MSc/PhD program on Biodiversity & Natural Resources Management (BNRM) (Full-time) b) Departmental Coordinator, undergraduate Biogeography Program (Full-time) c) Departmental Coordinator, undergraduate NRM program (Full-time) d) Departmental Focal Point for the Collaboration between the Department of Geography & Environmental Studies and the Department of Geography, McGill University, Canada (2010-2015) e) Departmental Focal Point for the Collaboration between the Department of Geography & Environmental Studies and the Department of Geography, Miami University, USA (2010-2015) f) Internal Examinations Moderator, Department of Geography & Environmental Studies (2014-2015) g) Departmental Representative, Faculty Postgraduate Studies Committee (FPSC Arts), 2013-2015 h) Chair, Departmental Postgraduate Studies Committee, 2013-2015 <p>Reference: HoD, Department of Geography & Environmental Studies, University of Nairobi, KENYA (www.uonbi.ac.ke)</p>

June -August 2011	<p>4. Acting Chairman, Department of Geography & Environmental Studies, University of Nairobi</p> <p>Main activities and responsibilities: Coordinating and supervising all day-to-day activities in the department</p>
1994-2005 (10yrs)	<p>5. Lecturer & Researcher, Department of Geography & Environmental Studies, University of Nairobi, Kenya</p> <p>Main activities and responsibilities: Research, training, supervision and examination of undergraduate and masters and programs in biogeography, environment and natural resources management (NRM)</p>
1992-1994 (2yrs)	<p>6. Tutorial Fellow, Department of Geography & Environmental Studies, University of Nairobi, Kenya</p> <p>Main activities and responsibilities: Research, training, supervision and examination of undergraduate and masters and programs</p>
1990-1992 (2yrs)	<p>7. Graduate Assistant, Department of Geography & Environmental Studies, University of Nairobi, Kenya</p> <p>Main activities and responsibilities: Research, training, supervision and examination of undergraduate, programs in geography</p>
1989-1990 (1yr)	<p>8. Teaching Assistant, Department of Geography, McGill University, Montreal Canada</p> <p>Main activities and responsibilities: Teaching assistantship for undergraduate, programs in geographical sciences</p>

OTHER POSITIONS	
2004-2005	<p>Free time Guest Lecturer, School for Field Studies, Kimana Bush Camp, Kenya, an affiliate of Boston University, USA</p> <p>Main activities and responsibilities: Support training in rangeland environmental monitoring</p>
2003-2005	<p>Free time Guest Lecturer, Kenya Wildlife Service Training Institute (KWSTI), Naivasha, Kenya</p> <p>Main activities and responsibilities: Support training in environmental management</p>
2008	<p>Free time Adjunct Lecturer, United States International University (USIU), Nairobi, Kenya</p> <p>Main activities and responsibilities: Support training and examination of a general education course (Common Course) on Geography and Environment</p>
2012- 2014	<p>Estate Chairman University of Nairobi Parklands Senior Staff Estate (Parklands Campus)</p> <p>Main activities and responsibilities: Coordinating all estate matters including estate management, security, community activities, conflict resolution among others</p>

KEY SKILLS & COMPETENCIES	<ul style="list-style-type: none"> ▪ Pedagogy with a bias on university and tertiary level teaching and training. ▪ Leadership and facilitation of community based natural resources management (CBNRM) and participatory environmental management workshops. ▪ Leadership and facilitation of scientific meetings including seminars, workshops and conferences.
	<ul style="list-style-type: none"> ▪ Designing, planning and implementation of research projects including proposal writing. ▪ Report writing, document editing and information dissemination.

	<ul style="list-style-type: none"> ▪ Formulation of a wide range management plans including ordinary plans, strategic plans and community action plans especially in natural resources and environment ▪ Pedagogy with a bias on university and tertiary level teaching and training. ▪ Biodiversity and ecosystems analysis and management. ▪ Environment & natural resources management (ENRM).
PROFESSIONAL SPECIALIZATIONS	Environment and natural resources assessment, NRM governance; Biodiversity and ecosystem assessments vegetation surveys, wildlife surveys, rangeland, forest and wetland surveys; Biodiversity risk analysis, species and habitat risk assessment; Environmental and natural resources management planning; Ecosystem degradation mapping; Ecosystem restoration planning, Strategic environmental assessment (SEA), Environmental and social impact assessment (ESIA), Environmental audits, Environmental valuation, Trans boundary ecosystem management
Subsidiary skills & interests	<ul style="list-style-type: none"> ▪ Computing ▪ Driving – Class E ▪ Adventure travel ▪ Nature appreciation and photography ▪ Bird watching ▪ Boating & canoeing ▪ Mountain climbing ▪ Cultural exploration
Personal values	Humility, integrity, honesty, fairness and hard work

ACADEMIC RESEARCH SUPERVISION AND THESES EXAMINATION

PhD (Completed)	<ol style="list-style-type: none"> 1. Thandiwe Chikomo – Zimbabwe (2014): Community based environmental indicators for biodiversity management in wetland IBAs of Kenya, (Environmental Planning & Management) University of Nairobi 2. Rose Sirali Antipa (2015): Biodiversity status and indigenous knowledge in conserving Boni Forest, Garissa County, North Eastern Kenya, (Environmental Planning & Management) University of Nairobi 3. Parita Shah (2016): Domestication and application of biodiversity related multilateral environmental agreements (MEAs) in Kenya, (Biogeography) University of Nairobi
PhD (On-going supervision stage)	<ol style="list-style-type: none"> 1. David Owino Manoa: Wildlife and people interface: an analysis of opportunity, transaction and health costs of human-wildlife conflict in Amboseli and Mt. Kenya ecosystems (Biodiversity & NRM), University of Nairobi 2. Isaak Elmi: An assessment of the outcomes of environmental education on secondary school students in North Eastern Province, Kenya, University of Nairobi 3. Joel Wamalwa: Economic Valuation of Watershed Resource Utility Values and Environmental Externalities for Optimal Payment of Watershed Ecosystem Services – A Case of Mau Forest Conservation in Narok County Kenya
Masters (Completed)	<ol style="list-style-type: none"> 1. Bubicha Mohammed Jaldesa (2019): Economic valuation of consumptive watershed service – A case study of Mt Marsabit Ecosystem, Kenya. MA (Biodiversity & Natural Resources Management), University of Nairobi. 2. Mary Kageni (2018): Evaluation of land use and cover changes between Mt Kenya and Ngare Ndare wildlife corridor. MA (Biodiversity & Natural Resources Management), University of Nairobi. 3. Mary Waithiegeni Githinji (2017) - A study of landcover, landuse and water quality along the upper altitudinal gradient of the upper Likii River, Laikipia County. M.A. (Environmental Planning and Management), University of Nairobi 4. John Sikanga Maniafu (2017) - Economic Valuation of Watershed Environmental Services of Kimana Wetland, Kajiado County, Kenya. M.A. (Environmental Planning and Management), University of Nairobi

5. Hassan Abdirizak Ahmed (2017) - Economic valuation of coastal and mangrove associated fisheries, Kwale County, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
6. Juma Mandela (2017) - Climate change adaptation strategies for water supply, food security and bioenergy in Kasigau Region, Voi County. M.A. (Environmental Planning and Management), University of Nairobi
7. Agnes Wambui Mbugua (2016) -Biotechnology and food security in Kenya - An assessment of public perception and environmental concerns. M.A. (Environmental Planning and Management), University of Nairobi
8. Othniel Mwambili (2015) - An assessment of the environmental impacts on canalization on water quality and birdlife in Lake Naivasha. M.A. (Environmental Planning and Management), University of Nairobi
9. Judith Khayeli Sembe (2015) – An ecological assessment of the Rothschild Giraffe in Giraffe Centre Sanctuary, Nairobi, Kenya (Environmental Planning and Management), University of Nairobi
10. Deogratias Landislaus Lihepanyama (Tanzania) (2015) – Ecology of Lesser Flamingoes in the Momella Lakes in Arusha National Park, Tanzania. M.Sc (Biology of Conservation), University of Nairobi
11. Larry Liza (2015) - E-waste disposal in Kenya – A case of mobile phone waste disposal in Lang'ata area, Nairobi, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
12. David Owino Manoa (2015) - Assessment of predator-proof bomas as a tool for mitigating conflict with carnivores in human-dominated landscape of Loitokitok Sub-county. M.A. (Environmental Planning and Management), University of Nairobi
13. Laura Makahambera (Malawi) (2014) – The social and ecological impact of plant invasive species on Mulanje Forest Reserve (MMFR) in Southern Malawi. M.A. (Environmental Planning and Management), University of Nairobi
14. Judyth Kanyi (2014) – Factors determining compliance of environmental Legislation and standards: A case study of retail filling stations in Thika Municipality, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
15. Everlyne Atieno Othigo (2014) – Environmental audit of a Health Facility – The Mater Hospital in Nairobi, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
16. Wangari Kirumba (2014) – Domestication of the United Nations Framework Convention on Climate Change (UNFCCC) in Kenya. M.A. (Environmental Planning and Management), University of Nairobi
17. Dorothy Masiga Syallow (2013) – The role of community conservancy in wildlife conservation within Masai Mara Ecosystems: A case study of Enoonkishu Conservancy, Narok South. M.A. (Environmental Planning and Management), University of Nairobi
18. James Muturi Thongo (2013) - Environmental impacts of the Dagoretti Market abattoirs in Kikuyu Division. M.A. (Environmental Planning and Management), University of Nairobi
19. Austin Uduogu Okezie Denis – Ghana/Finland (2012) – Impacts of irrigated legume-based cropping on rhizobia diversity, insect pollinators and soil seed bank in a rangeland ecosystem, Kajiado District, Kenya. M.A. (Biodiversity & Ecosystems Management), University of Nairobi
20. Julius W. Kamau (2011) – An evaluation of the prospects of integrating climate change adaptation into environmental impact assessment process in Kenya. M.A. (Environmental Planning and Management), University of Nairobi
21. Martha Nziza Munyao (2010) - A comparative environmental risk assessment of Lake Nakuru National Park and Nairobi National Park. M.A. (Environmental Planning and Management), University of Nairobi
22. Joel Makokha Wamalwa (2009): Environmental audit of livestock production systems in Migori District, Nyanza Province. M.A. (Environmental Planning and Management), University of Nairobi
23. Ngumbi Emmanuel Ivalya (2009): Local communities and wildlife interactions, the case study of Kitengela wildlife dispersal area of Nairobi National Park. M.A. (Environmental Planning and Management), University of Nairobi
24. Joseph Namakara (2009): Poverty-biodiversity nexus: A case study of Mukogodo Forest, Laikipia District, Kenya. MA. Biogeography), University of Nairobi

25. Parita Shah (2008): Environmental audit of an educational institution: A case study of Visa Oshwal Academy, Nairobi Kenya. M.A. (Environmental Planning and Management), University of Nairobi
26. Angeline Wanjiru Mwangi (2007): Successes and challenges of the environmental auditing process in Kenya: A perspective of the lead experts. M.A. (Environmental Planning and Management), University of Nairobi
27. Kenneth Murimi Mwathe (2007): The nature, economic costs and management strategies for human-wildlife conflicts in Magadi area, South Rift Kenya. M.A. (Environmental Planning and Management), University of Nairobi
28. James Ndungu (2006): Economic valuation of ecosystem services in Shompole wetland, South Ewaso Ngiro River, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
29. Esther Kathure Magambo (2006): Impacts of a degraded dryland riverine ecosystem on livelihoods: A case study of Kaketa in Kilome Division of Makueni District. M.A. (Environmental Planning and Management), University of Nairobi
30. Jackson Mugambi M'ribu (2006): A study of waste management approaches in tea processing factories: A case study of small holder tea factories in Kenya. M.A. (Environmental Planning and Management), University of Nairobi
31. Godana Ramat (2006): The trend and impacts of forest resources utilization on Marsabit Mountain Ecosystem. M.A. (Environmental Planning and Management), University of Nairobi
32. Victor Joseph Otieno Ikawa (2006): The dispersion and control of domestic biodiversity in Nairobi: A GIS project. M.A. (Environmental Planning and Management), University of Nairobi
33. David Ombisi Ambuchi (2006): Plastic waste management in Kenya: An evaluation of policies and regulations on plastic bags and plastic bottles in Nairobi. M.A. (Environmental Planning and Management), University of Nairobi
34. Librata Nekesa Muhata (2005): Economic valuation of wetland ecosystems: A case study of Ondiri Swamp in Kiambu, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
35. Gathuru Mburu (2005): An assessment of the impact of relic forests on urban greening in the City of Nairobi, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
36. Henry Mwaura Kinuthia (2005): The total economic valuation of natural resources: Perceived community livelihood values of Mukogodo Forest, Laikipia, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
37. Michael Arunga Obare (2005): GIS simulation of settlement and urban expansion in the Kitengela Wildlife Dispersal Area. M.A. (Environmental Planning and Management), University of Nairobi
38. Mary Waceke Thongoh Muia (2005): A study of Used Oil Management: A Case Study of Nairobi City – Kenya. M.A. (Environmental Planning and Management), University of Nairobi
39. Jamila Mohammed (2005): Environmental Impacts of Disasters: A Case Study of a Burst Reservoir in Kiambu, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
40. Kennedy John Malii (2004): The Vegetation and Environmental Dynamics around a Small Rural Water Supply Reservoir, Maomokeni Kitui District, Kenya. M.Sc. (Biogeography), University of Nairobi
41. Alice N. Ngugi (2003): A Water Quality, Biodiversity Assessment and Community Perception Analysis of Rungiri Reservoir, Kikuyu, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
42. Henrik Mosen – Sweden (2002) Mapping of toxin generating algae in water holes in Kenya – A medicine-ecology preliminary study. School of Engineering, Kristianstad University, Sweden. B.Sc. project research co-supervised with Dr. Helene Annadotter of Kristianstad University, Sweden.
43. Jenny Bengtsson – Sweden (2002): Mapping of toxin generating algae in water holes in Kenya – A medicine-ecology preliminary study. School of Engineering, Kristianstad University, Sweden. B.Sc. project research co-supervised with Dr. Helene Annadotter of Kristianstad University, Sweden
44. Margaret Wachu Gichuhi (2002): The Assessment of the Impact of Anthropogenic Activities on the Migratory Corridors of Nairobi National Park: A Geographic Information Systems Approach. M.A. (Environmental Planning and Management), University of Nairobi
45. Thuita Thenya (1997): Some Ecological Aspects, Bio-economic Values and Human Impacts of a Tropical Papyrus Wetland, Ewaso Narok Swamp, Laikipia Kenya. M.Sc. (Biogeography), University of Nairobi

Masters (On-going supervision)	<ol style="list-style-type: none"> 1. Moses Ziro (2012) – An economic valuation of wetlands – A comparison of Njoro Kubwa and Njoro Mata Springs in the Lake Jipe Basin, Taveta County. M.A. (Environmental Planning and Management), University of Nairobi 2. Zachariah Mwambi Nyang'ara (2014) – Tree species analysis in the conservation and management of urban green environments: A case study of the City of Nairobi, Kenya. M.Sc (Biology of Conservation), University of Nairobi 3. Geoffrey Ochieng Wasonga (2015): Environmental impacts of lake level rise in Lake Nakuru National Park. M.A. (Environmental Planning and Management), University of Nairobi 4. Moses Ndaru (2017): Impact of Mount Kenya glacier reduction, water supply and livelihood systems in Laikipia county. MA (Biodiversity & Natural Resources Management), University of Nairobi.
PhD theses examination	<p>Ph.Ds students examined either as External Examiner, Internal Examiner or Examination Board Member – 8</p> <ol style="list-style-type: none"> 1. 2015: Oliver Nasirwa, Factors affecting foraging and breeding success of Kittlitz Plover in soda lakes of central Rift Valley, Kenya lakes of central Rift Valley, Kenya, School of Biological Sciences, University of Nairobi. 2. 2014: Kimingichi Wabende, From the Fireside to the Stage: The performance of the oral narrative in shifting spaces, Faculty of Arts, University of Nairobi. 3. 2013: Larry Mutinda Ndivo - The quest for Redemption in the Kenyan Criminal Autobiography, Faculty of Arts, University of Nairobi. 4. 2012: Akidah Mohammed Abdul – A Lexical Phonology Study of Modern Standard Arabic. Faculty of Arts, University of Nairobi. 5. 2011: Obari, Thadeus Odongo, Population Ecology of Maasai Giraffe in relation to changing climate in Southern Kenya, School of Biological Sciences, University of Nairobi. 6. 2008: Peter Nganga Mcharia - Effects of forage legumes on biomass production, nutritive quality and soil fertility of legumes/grass mixtures under defoliation regime in semi-arid Kajiado District, Kenya, School of Biological Sciences, University of Nairobi. 7. 2006: Thuita Thenya, Analysis of Macrophyte Biomass Productivity, Utilization and its Impact on Various Ecotypes of Yala Swamp, Lake Victoria Basin, Kenya. Faculty of Science, University of Nairobi. 8. 2003: Alex Odhiambo Awiti, The Effects of Landuse Change on Soil Functional Capacity: Patterns, Processes and Implications for Plant Productivity, School of Biological Sciences, University of Nairobi.
M.Sc/MA theses examination	<p>Masters students (Thesis only) examined either as External Examiner, Internal Examiner or Examination Board Member – 12</p> <ol style="list-style-type: none"> 1. 2019: Arnold Thoya Kazungu (M.Sc, Environmental Management), Cost benefit analysis of different energy sources used in public secondary schools in Mtito Andei Division, Makueni County. South Eastern Kenya University, Kenya. 2. 2019: Ben Nyakundi Meroka (M.Sc, Biology of Conservation), Abundance and distribution of small mammals in Oloolua Forest, Nairobi, Kenya. School of Biological Sciences, University of Nairobi. 3. 2016: Gilbert Kosgei (M.Sc, Biology of Conservation), Impacts of landuse on water Quality and Macroinvertebrates in Rivers Burguret and Nanyuki, Kenya. School of Biological Sciences, University of Nairobi. 4. Edgar's Ngeno (MSc, Environmental Science), Impact of Landuse and Land Cover Change on Hydrological Components in Nyangores Sub-catchment, Bomet County, School of Environmental Studies, Kenyatta University.

5. **2015: Masila Samson Muloo (M.Sc Environmental Studies)**, Effects of land degradation on agricultural landsuse: A case study of smallholder farmer's indigenous knowledge on landuse planning and management in Kalama Division, Machakos County. **South Eastern Kenya University, Kenya.**
6. **2015: Stella Nekesa Wanyonyi (M.Sc, Biology of Conservation)**, Effects of Habitat Disturbance and Abundance of the Papyrus Endemic Birds in Sio Port Swamp, Western Kenya. **School of Biological Sciences, University of Nairobi.**
7. **2015: James Outa Omondi (M.Sc, Limnology)** – The influence of macrophytes on nutrient levels in Lake Naivasha, Kenya, **Faculty of Science, Egerton University.**
8. **2012: Teresia Ndilu Mutavi (MA, Sociology & Social Work)** – The Magnitude of Poverty Among Female Headed Households in Machakos District, **Faculty of Arts, University of Nairobi**
9. **2012: Charles Mutua Nzuku (MA, Political Science & Public Administration) – Industrialization in Kenya: An Assessment of the Impact of Export-Led- Industrialization, Faculty of Arts, University of Nairobi.**
10. **2012: Oroda, Ambrose Sunya (Master of Environmental Science)** - The impact of increased population and sedentarization of the pastoral communities on the land cover and the resources of mount Marsabit forest and the surrounding lands, **School of Environmental Studies, Kenyatta University.**
11. **2008: Washington Njogu Ngari (Masters of Public Health, MPH)** - Assessment of Management of Healthcare Wastes in Non-Governmental Health Care Facilities in Nairobi Province. Department of Community Health, **School of Health Sciences, University of Nairobi.**
12. **2006: Judith S. Mbau (M.Sc, Biology of Conservation)**, Density, Distribution and Habitat Utilization Patterns of Elephants (*Loxodonta Africana*) in Southern Aberdare Ranges, Kenya. **School of Biological Sciences, University of Nairobi.**
13. **2005: Denis Mutama Masika (M.Sc, Hydrology)**, Chemical and physical characteristics of water in the Noigameget Brook of the Upper Nzoia River Basin, **Faculty of Science, University of Nairobi.**
14. **2004: Caroline Kerubo Bosire (M.Sc, Biology of Conservation)**, Spatial dynamics of human livestock and wildlife interactions in Kajiado Central Division, Kajiado District, Kenya, **School of Biological Sciences, University of Nairobi.**

CONSULTING EXPERIENCE

TIME	LOCATION	ORGANIZATION/REFERENCE CONTACTS	POSITION	DESCRIPTION	SECTOR
2019	Southern Kenya & Northern Tanzania	WWF (Kenya), Dr. Martin Mulama (SOKNOT) Coordinator, mmulama@wwfkenya.org	Associate Consultant (Governance)	Scoping study of land use and governance situation for the proposed Southern Kenya and Northern Tanzania (SOKNOT) Transboundary Community Conservation Programme	Transboundary wildlife conservation & management
2019	Nyeri County	Chief Officer, Department of Lands, Housing and Physical Planning, County Government of Nyeri	ESIA Expert/Team Leader	Environmental Impact Assessment on the Proposed Transport Termini of Asian Quarter (Bus station, Modern Stalls, Business Park & Social Amenities by Nyeri County Government	Urban transport
2018	Turkana County	Simon Wandeto, Head of Safety Health and Environment (SHE), ATKINS, Muthangari Drive, off Waiyaki Way, Westlands. P. O. Box 30156 - 00100 Nairobi, Kenya Simon.Wandeto@atkinglobal.com	ESIA Expert	Environmental Impact Assessment of the Proposed Improvement of the Existing Lopii-Lokori-Elelea (50km) Road & New Construction of Elelea-Kokoit-Barrier (70km) Road for Olsuswa Energy Ltd	Road Construction
2018	Kenya	Juliana Tek – Oriedo, Head of Audit and Compliance, Environment, Health and Safety, SGS Kenya Ltd, Victoria Towers, 3rd Floor, Upper Hill, Kilimanjaro Ave, P.O. Box 72118, 00200 – Nairobi; Phone: +254 20 273 3690 Juliana.Tek@sgs.com	SEA Expert	PPP analysis for the Kenya Nuclear Electricity Board (KNEB) Strategic Environmental and Social Assessment report (SESA) for the proposed nuclear power programme in Kenya	Nuclear Energy
2018	Nakuru County	CEO, RAIMDF Ltd, P.O. Box 19500-20100, Nakuru, KENYA	ESIA Expert	Environmental Impact Assessment proposed construction of the medium density fibre board (RAIMDF) factory in Visoi Ward, Rongai, Nakuru County	Wood processing
2017	Bomet County	National Water Conservation and Pipeline Corporation (NWCPC); Sophie Gathii, Safe Environment	ESIA Expert	ESIA for the proposed construction of Bosto Dam by the National Water Conservation and Pipeline Corporation (NWCPC) in- as part of Safe Environment Consultants	Large dam Construction
2017	Webuye Town, Bungoma County	Pan African Paper Mills 2015 Ltd; P.A. Savarimuthu, 0775621651, pa.savarimuthu@raisugar.com	Lead ESIA Expert & Team Leader	Recommissioning EIA for the Pan African Paper Mills in Webuye Town, Bungoma County	Manufacturing

2017	Kenya	UNDP-Kenya; David N. Githaiga, Team Leader, Energy, Environment & Climate Change; david.gitahiga@undp.org	Lead SEA Expert & Team Leader -	Strategic environmental assessment (SEA) for the mining sector in Kenya	Mining
2017	Nakuru, Narok & Bomet Counties	Kenya Rural Roads Authority; Sophie Gathii, Safe Environment	ESIA Expert	ESIA for the proposed construction of Mauche-Bombo-Olenguruone-Kiptagich- Silibwet road project in Nakuru County, Narok County & Bomet County for KeRRA as part of Supporting SafeEnvironment Consultants	Road Construction
2016	Nakuru County	Timsales Company Ltd; Timsales CEO, Nairobi (0728055421)	Lead ESIA Expert & Team Leader	ESIA for the proposed construction of a particle board plant in the Timsales Timber Factory, Elburgon, Nakuru County	Wood processing
2016	Bungoma County	West Kenya Sugar Company; P.A. Savarimuthu, Project Executive, +254 (0775) 621651, process@wksugar.com	Lead ESIA Expert & Team Leader	ESIA for the proposed construction of a cane sugar factory in Lungai Village, Naitiri Location, Bungoma County	Sugar milling
2016	Kajiado, Nairobi, Kiambu, Nakuru & Narok Counties	Kenya Railways Company/ China Communications Construction Company Limited 版权所有; Kenya Railways Managing Director (0722202020)	ESIA Expert	Environmental and Social Impact Assessment for the Kenya Railway Corporation (KRC) Standard Gauge Railway (SGR) Project (Phase 2A) from Nairobi South Railway Station-Naivasha Industrial Park-Enoosupukia, Narok	Standard Gauge Railway Construction
2016	International	Department of Nuclear Energy, International Atomic Energy Agency (IAEA), Manuel Welch, Manuel.Welsch@iaea.org	Africa SEA Expert	Developing Guidelines for Conducting Strategic Environmental for Assessments for Nuclear Power programmes in the IAEA member Countries	Nuclear energy
2015	Nakuru County	Philip Barasa Environmental Officer; Kenya Electricity Generating Company – KENGEN; Email: pbaraza@kengen.co.ke Website: www.kengen.co.ke	Environmental Audit Expert - as part of Howard Humphreys East Africa	Initial environmental audit for KenGen Geothermal Power Installations in Olkaria (Naivasha Sub-county) and Eburru (Gilgil Sub-county) – Olkaria Wellhead Generators OW043, OW914, OW915, Eburru Wellhead Generator, 80-Well-Drilling Programme, Olkaria Geothermal Spa, Olkaria Material Quarry and Eburru Material Quarry	Geothermal Energy
2015	Samburu County	African Wildlife Foundation (AWF); Fiesta Warinwa, AWF Country Director, 0726380685, email - fwarinwa@awf.org	Ecosystem Service Expert	Analysis of ecosystem watershed service for the Kirisia forest and development of participatory water resources management tools in Samburu County	Ecosystem Watershed Services
2015	Makueni, Kajiado & Taita taveta Counties	African Wildlife Foundation (AWF); Fiesta Warinwa, AWF Country	Ecosystem Service Expert	Analysis of ecosystem watershed service for the Chyulu Hills and development of participatory water	Ecosystem Watershed Services

		Director, 0726380685, email - fwarinwa@awf.org		resources management tools in Makueni, Kajiado and Taita Taveta Counties	
2014	Somaliland – Waqoyi Galbed, Sanaag & Sahil Regions (Hargeisha, Berbera, Burco, Mait, Xiss, Ongor towns)	Price Waterhouse Coppers (Pwc Kenya)/Somaliland Development Fund - SDF; CEO, PWC Kenya/SDF Fund Manager, Email: anthony.njue@sdf-secretariat.org , Skype: tonnynjue;	Short-term International Expert (STie) – Environmental Feasibility Expert	Environmental feasibility assessment for the promotion of fish production and capacity building for the Ministry of Fishery and Marine Resources, Government of Somaliland financed by the Somaliland Development Fund (SDF)	Environmental Feasibility Expert, Coastal and marine fishery development
2014	Somaliland – Waqoyi Galbed, Region (Hargeisha, City)	BMB Mott MacDonald International/ Somaliland Development Fund – SDF; SDF Fund Manager, Email: anthony.njue@sdf-secretariat.org , Skype: tonnynjue;	Short-term International Expert (STie) – ESIA Expert	ESIA for the Hora Hadley and Xaraf-Ayah 1&2 Water Project in the City of Hargeysa by the Hargeysa Water Agency (HWA) on behalf of the Government of Somaliland (GoSL) and funding by Somaliland Development Fund (DfID, DANIDA & Norwegian Government) for BMB Mott MacDonald International	Water Project
2014	Somaliland – Waqoyi Galbed, & Togdheer, Regions (Hargeisha, Berbera, Sheikh towns)	BMB Mott MacDonald International/ Somaliland Development Fund – SDF; SDF Fund Manager, Email: anthony.njue@sdf-secretariat.org , Skype: tonnynjue;	Short-term International Expert (STie) – ESIA Expert	ESIA for the Hargeysa-Berbera-Sheikh Road Rehabilitation Project by the Road Development Agency on behalf of the Government of Somaliland (GoSL) and funding by Somaliland Development Fund (DfID, DANIDA & Norwegian Government) for BMB Mott MacDonald International	Road construction
2014	Kiambu County/Nairobi City	Howard Humphreys EA Ltd; Simon Wandeto, Swandeto@howardhumphreys.co.ke	Lead SEA Expert	Strategic Environmental and Social Assessment for the Proposed Northlands Urban Master plan in Kiambu County Kenya as part of Howard Humphreys East Africa – Plan SEA	Urban development
2014	Kisumu County	Kisumu County Government; Sophie Gathii, Safe Environment	ESIA Expert	ESIA of Proposed Civil Works (Bitumen Surface Roads, Gravel Surface Roads, Bridges and Drainage) in the City of Kisumu, Kenya which is funded by the Agence Francais de Development (AFD) – as part of Safe Environment	Urban infrastructure development - Roads, bridges and drainage construction works
2014	Nakuru County	Philip Barasa Environmental Officer; Kenya Electricity Generating Company – KENGEN; Email: pbaraza@kengen.co.ke Website: www.kengen.co.ke ; Ken Wade: ken.wade@5capitals.com or ken.wade@5capitals-group.com	SEA expert	Strategic Environmental Assessment for the Olkaria and Eburru Geothermal Fields for KenGen – in partnership with 5 Capitals Environmental & Management Consulting, Dubai UAE (Programme SEA)	Geothermal Energy
2013	Kajiado County	Amboseli Ecosystem Trust – AET, Tel: 0725 941 926, Email: Ecosystemtrust.Amboseli@gmail.com	Lead SEA Expert/ Team Leader	Strategic Environmental Assessment (SEA) for the Amboseli Ecosystem Management Plan (2008-2018) – Plan SEA	Ecosystem management

		or ntoyianleyian@gmail.com , Website: www.amboseliecosystemtrust.org			
2013	Kwale County	Cortec Mining Company; David Anderson or Darren Townsend, Cortec Mining Ltd, Darren.Townsend@pacificwildcat.com	ESIA Expert/Team Leader	ESIA for the Construction of a Niobium and other Rare Earths Processing Plant in Mrima Hill, Kwale County Kenya	Mineral processing
2013	Muranga County	Kenya Rural Roads Authority; KeRRA CEO or Sophie Gathii, Safe Environment	ESIA Expert	ESIA for the Muranga Gitugi D427 AND Njumbi-Moro E546 Road Construction Project	Road construction
2012	Meru County	Kenya Rural Roads Authority; Sophie Gathii, Safe Environment	ESIA Expert	ESIA & RAP for the Chiakariga-Meru road (C92)) Road Construction Project in Meru County	Road construction
2012	Nyeri County	Kenya National Highway Authority (KeNHA); KENHA CEO/ Sophie Gathii, Safe Environment		ESIA for the Giakanja-Tetu Mission Road (D434), Kagogo-Ihwa-Ihururu (E1690) and Wandumbi-Kigogoini (E53) Road construction project, Nyeri County for Kenya National Highway Authority (KeNHA) as part of SafeEnvironment	Road construction
2011	Kenya	ACT Kenya; CEO ACT Kenya, Elysee Plaza, 3rd Floor, Kilimani Road, off Elgeyo Marakwet Road, P.O.Box 76390-00508. Nairobi-Kenya	Lead SEA Expert/Team Leader	Strategic Environmental Assessment (SEA) for the Pact Kenya Non-State Actors in the Dfid/SIDA Changieni Rasili Mali NRM Programme in Kenya – Programme SEA	NRM
2011	International (Africa Region)	UNEP-RoA; Frank Turyatunga, Regional Co-ordinator	Lead Biodiversity Author (Africa Region)	Preparation of Chapter 9 on Policy Options for Africa in the 2012 UNEP Global Environment Outlook (GEO-5) which was launched in Rio+20	Biodiversity
2011	Kenya	Basecamp Foundation & Kenya Wildlife Trust	Conservation management expert	Preparation of guidelines for conservancy-based tourism development in Kenya	Conservancy management
2011	Narok County	Basecamp Foundation	Conservancy management expert	Preparation of Mara Naibosho Conservancy Management Plan (2010-2020)	Conservancy Management planning
2010	Kajiado County	Loisijo Lodge Management	Environmental Audit Expert	Environmental audit of Loisijo Lodge in Shompole, Magadi Region, South Rift	Tourism
2010	Kenya	Ministry of State for Development of Northern Kenya and other Arid Lands; World Bank. Arid Lands Resource Management Project (ALRMP II)	Environmental and natural resources valuation expert	Total economic evaluation of the Arid & Semi-arid Areas (ASALs) for the Ministry of State for the Development of Northern Kenya and other Arid Lands	Environment & Natural Resources
2010	Kenya	National Coordinating Agency on Population and Development (NCPD); CEO NCPD Chancery Hse 4 th Flr;	PHE Integration Expert	Development of the 2009 Kenya State of Population Report on population dynamics and climate change: implications for the realization of the MDGs and the goals of Vision 2030	Population and Development

2009	Kenya	UNISDR Africa; Helene M. Lafferty, UNISDR Africa, UN Complex Block T Room T 117, helene.lafferty@unep.org	Environmental Hazard Expert	Preparation of country disaster fact sheets for Kenya for the United Nations International Strategy for Disaster Reduction (UNISDR- Africa)	Disaster Risk Reduction - DRR
2009	Nakuru & Nyandarua Counties	WWF-Malewa Project & Lake Naivasha Riparian association (LNRA); Project Coordinator WWF-Malewa project and CEO LNRA	Environment & NRM Expert	Preparation of the Lake Naivasha Basin Integrated Management Plan 2012-2022	Environment & NRM
2009	Kiambu County	Kenya Plant Health Inspectorate Service (KEPHIS); KEPHIS Plant Quarantine Station P.O. Box 49421-00100 Nairobi PH: 020-3597204/5 Cell:0722-209505 0734-330017	ESIA Expert	ESIA study for construction of a new office and laboratory block at the National Plant Quarantine Station (NPQS) Muguga in Nairobi for the Kenya Plant Health Inspectorate Service (KEPHIS)	Biosafety
2009	Somaliland	UNDP-Somalia	Environment & NRM Trainer	Environmental training of technical officers from the Ministry of Pastoral Development and Environment Hargeisha, Somaliland	Environment
2008	Kenya	National Environment Management Authority (NEMA-Kenya); NEMA Director General, 020-2101370, 020-2183718, 020-2307281, 020-2103696 Mobile: 0724 253398, 0735 013046. Incident line: 0786-101100, 0704 846019, Email:dgnema@nema.go.ke	Environmental Research Specialist	Development of a National Environment Research Agenda and Strategy (2008-2030)	Environment
2008	Nairobi	Kenya Plant Health Inspectorate Service (KEPHIS); KEPHIS Headquarters P.O. Box 49592-00100, Nairobi Cell: 0709 891 000; 020 661 8000 Email: director@kephis.org	ESIA Expert	EIA study for the construction of a new multipurpose laboratory complex and relocation of laboratory operations at the Kenya Plant Health Inspectorate Service (KEPHIS) head office in Karen Nairobi	Laboratory construction
2008	Rwanda & Ethiopia	Nile Transboundary Environmental Action Project (NTEAP) of the Nile Basin Initiative (NBI); Dr Henry Busulwa	Biodiversity & Ecosystems Expert	Review of consultancy reports for the studies on wetlands, biodiversity and water quality assessment in Lake Cyohoha (Rwanda) and Lake Tana (Ethiopia)	Ecosystem management
2008	Nairobi	Kenya Water & Health Organization (KWAHO); Catherine Mwangi, CEO KWAHO (c.mwangi@kwaho.org)	Water Quality Analyst	Assessment of point-of-use water treatment systems in the City of Nairobi Kenya in collaboration with the Kenya Water for Health Organization (KWAHO) and the Swiss Federal Institute of Aquatic Science and Technology (Eawag)	Water & Health

2007	Kenya	National Coordinating Agency on Population and Development (NCPD); CEO NCPD Chancery Hse 4 th Flr;	PHE Integration Expert	Country assessment for population, health and environment cross-sectoral integration and collaboration	Population, Health & Environment
2006	Kenya	UNEP-UNCTAD Capacity Building Task Force on Trade, Environment and Development (CBTF) UNEP-UNCTAD CBTF; Mr. Asad Naqvi	Environmental Expert	Country level integrated assessment of the impacts of organic agriculture on socio-economic and environment sectors	Organic Agriculture
2006	Laikipia & Samburu Counties	African Conservation Centre; CEO ACC +254 724 441 677, +254 20 251 2439, acc@acc.or.ke	NRM Expert	Assessment of natural resource utilization in Samburu and Laikipia with special emphasis on Namunyak, Kalama and Naibunga Conservancies for the GEF/AU-IBAR Dryland Livestock Wildlife Environment Interface Project (DLWEIP)	Environment, livestock and wildlife
2006	Kenya	National Environment Management Authority (NEMA-Kenya); NEMA Director General, 020-2101370, 020-2183718, 020-2307281, 020-2103696 Mobile: 0724 253398, 0735 013046. Incident line: 0786-101100, 0704 846019, Email:dgnema@nema.go.ke	Biodiversity Expert	Assessment of capacity building needs and country specific priorities for biodiversity conservation and management in Kenya for UNDP/GEF & National Environment Management Authority (NEMA)	Capacity Needs Assessment
2005	Nakuru County	Uhotani Community Based Organization, Naivasha	Participatory Community Action Plan (CAP) Facilitator	Development of a participatory community based natural resources management (CBNRM) action plan (CAP) for the Karai-Nyamathi- Mirera area, Naivasha.	CBNRM
2005	Turkana County	Kenya Forest Service; Director General 020 250 2508	Participatory Community Action Plan (CAP) Facilitator	Development of a participatory community based natural resources management (CBNRM) action plan (CAP) for Lokapel Hills Turkana Kenya in the GEF/GoK/UNDP/UNEP Indigenous Vegetation Project (KEN/98/G32)	CBNRM
2004	Nairobi	HR Manager CFC Bank Centre in Westlands	Environmental audit specialist	Environmental auditing of the CFC Bank Centre in Westlands	Environment
2004	Nakuru County	Kenya Wildlife Service; National Wetlands Program Coordinator	Environment & NRM Specialist	Development of an ecotourism business plan for the Greater Lake Nakuru Region	Ecotourism
2004	Kenya	Kenya Wildlife Service; National Wetlands Program Coordinator/ Dr. Phillip Bubb (Project Coordinator, WCMC Cambridge)	Wetlands Expert	Development of biodiversity indicators for national use (BINU) for the global UNEP/GEF/WCMC BINU Project	Biodiversity management

2004	Kenya	Kenya Wildlife Service; National Wetlands Program Coordinator	Wetlands specialist	Identification of critical wetland resource users and products and assessment of training needs in Kenya for the IUCN-EARO/ NORAD East African Regional Wetlands Support Programme (EAWSP)	Wetlands management
2003	Kenya	Kenya Wildlife Service; National Wetlands Program Coordinator	Wetlands specialist	Review of assessment methodologies for socio-economic and cultural factors affecting wetlands management and conservation in Kenya	Wetlands management
2003	Kenya	Kenya Wildlife Service; National Wetlands Program Coordinator	Wetlands specialist	Development a Regional Wetlands Monitoring and Evaluation programme for Kenya	Wetlands management
2003	Kenya	Kenya Wildlife Service; National Wetlands Program Coordinator	Wetlands specialist	Inventory and assessment of wetland invasive species in Kenya	Wetlands management
2003	Nyandarua	Kenya Wildlife Service; National Wetlands Program Coordinator	Wetlands specialist	Development of the Lake Ollobolossat Integrated Management Plan	Wetlands management

CONFERENCES, SCIENTIFIC MEETINGS & FOREIGN ASSIGNMENTS

1. **2019, Kampala, Uganda**
Inaugural Meeting of the Editorial Board and Launch of First Call for Papers for the East African Journal of Science, Technology and Innovation, 3rd April 2019, Imperial Royale Hotel, Kampala, Uganda.
2. **2019, Nairobi Kenya**
Orientation Workshop of Editorial Board of East African Journal of Science Technology and Innovation, 21–25 January 2019, Heron Portico Hotel, Nairobi, Kenya.
3. **2018, Pretoria, South Africa**
Evidence-Informed Policy Making Seminar – Water-Energy-Food-Health, 9 – 11 December 2018, Department of Science and Technology, Pretoria, South Africa.
4. **2016, Vienna Austria**
Consultative meeting for Developing Guidelines for Conducting Strategic Environmental for Assessments for Nuclear Power programmes in the IAEA member Countries, IAEA Headquarters at Vienna International Centre, Vienna, Austria.
5. **2015, Naivasha, Kenya**
Imarisha Naivasha 4th Annual Stakeholders Conference 2015, 2nd December 2015, Lake Naivasha Simba Lodge, Naivasha. Presented the opening address on the “Domestication of the 2009 National Climate Change Response Strategy in the Lake Naivasha Basin”.
6. **2014, Hargeysa, Somaliland**
Environmental assessment for the Hora Hadley and Xaraf-Ayah 1&2 Water Project in the City of Hargeysa by the Hargeysa Water Agency (HWA) on behalf of the Government of Somaliland (GoSL) and funding by Somaliland Development Fund (DfID, DANIDA & Norwegian Government) for BMB Mott MacDonald International.
7. **2014, Hargeysa, Somaliland**
Environmental assessment for the Hargeysa-Berbera-Sheikh Road Rehabilitation Project by the Road Development Agency on behalf of the Government of Somaliland (GoSL) and funding Somaliland Development Fund (DfID, DANIDA & Norwegian Government) for BMB Mott MacDonald International.
8. **2014, Hargeysa, Somaliland**
Environmental feasibility assessment for the promotion of fish production and capacity building for the Ministry of Fishery and Marine Resources, Government of Somaliland financed by the Somaliland Development Fund (SDF) for Price Waterhouse Coppers (Pwc Kenya).
9. **2014, Nairobi, Kenya**
The 22nd Economic Symposium (Towards a Globally Competitive Economy. 19th-21st February 2014, Safari Park Hotel. Presented a keynote address on “Efficient and Equitable Natural Resources Management in Kenya”
10. **2013, Addis Ababa, Ethiopia**
International Population, Health, and Environment (PHE) Conference November 11-12, 2013 Radisson Blu Hotel, Addis Ababa, Ethiopia.
11. **2013: Kigali Rwanda**
UNESCO-IHE Africa Wetlands Forum - Wetlands: Wise Use, Smart Plans” 8-12 July 2013, Kigali, Rwanda
12. **2013: Nairobi, Kenya**
ACCFP-University of Nairobi Dialogue Workshop on Wildlife Management Education for Sustainable Adaptation to the Impacts of Climate Change on Human-Wildlife Conflicts. Monday, 21st January 2013, Chiromo Conference Centre, University of Nairobi (Lead Organizer).

13. **2012: Nakuru, Kenya**
National workshop on the national wetlands policy. Merica Hotel, Nakuru, 28th & 29th August 2012.
14. **2012: Dar es Salaam Tanzania**
Curriculum Options for Sustainable Adaptations to the Impact of Climate Change on Human- Wildlife Conflicts Around Conservation Areas in East Africa. The African Climate Change Fellowship Programme (ACCFP) Inception Meeting. 21-22 June 2012, Kunduchi Beach Hotel Dar es Salaam.
15. **2011: Nairobi, Kenya**
UNEP- GEO-5 Africa Chapter: Second Authors Meeting, 17-19 October 2011, UNEP Office, Nairobi Kenya.
16. **2011: Bangkok, Thailand**
UNEP- GEO-5 Second Production and Author's Meeting. 5 - 8 September 2011, Swissotel Nai Lert Park Bangkok, Thailand.
17. **2011: Nairobi, Kenya**
UNEP GEO-5 Africa Chapter: First Authors Meeting, 16-18 March 2011, UNEP Office, Nairobi Kenya.
18. **2010: Cairo, Egypt**
UNEP/CEDARE Consultative Meeting on the preparation of the Atlas of Africa's Water Resources. 18-20 January 2010, Hilton Hotel, Cairo Egypt.
19. **2009: Naivasha Kenya**
Population, health, and environment (PHE) linkages: Case studies in Kenya. IPPF/IUCN regional seminar on HIV/AIDS and environment linkages, Great Rift Valley Lodge, Naivasha, 24-26 June 2009.
20. **2007: Addis Ababa, Ethiopia**
Kenya Country Assessment Report on PHE Cross-Sectoral Integration. Regional Conference on Population, Health, and Environment November 14-16, 2007 United Nations Conference Centre | Addis Ababa, Ethiopia
21. **2007: Addis Ababa, Ethiopia**
Kenya preliminary report on the population, health and environment (PHE) integration and cross- sectoral collaboration. The Packard Foundation PHE Meeting, 12-13 February, Hilton Hotel
22. **2004: Pretoria, South Africa**
Development of Wetland Environment Indicators for National Use in Kenya (Project Proposal) CEOS TIGER Workshop on Space Technologies for Water Resources Management in Africa, 8-10 November 2004, CSIR International Conference Centre, Pretoria, RSA.
23. **2003: Cambridge, UK**
Biodiversity Indicators for National Use (*BINU-Kenya*) Country Mid-term Project Report - UNEP- GEF Biodiversity Indicators for National Use Mid-term Workshop, 30th June - 4th July 2003, the UNEP World Conservation Monitoring Centre (WCMC), Cambridge UK.
24. **2002: Adelaide, Australia**
Artificial Recharge Experiences in Kenya - UNESCO-IHP-IAH Workshop on Evaluation of Recharge Enhancement Projects in Arid and Semi-arid Areas, 21-22 September, University of Adelaide, South Australia.
25. **2002: Adelaide, Australia**
Artificial Recharge Experiences in Kenya - 4th International Symposium on Artificial Recharge (ISAR-4), 22-26 September, Adelaide Hilton, Adelaide, Australia.
26. **2002: Stockholm, Sweden**
Small Reservoirs and Rural Water Supply in Kenya: Balancing Landuse, Catchment Structure and Water Quality - The 12th International Stockholm Water Symposium, August 12-15, Stockholm City Conference Centre.

27. **2001: Kusatsu, Japan**
International Lake Environment Committee ILEC/UNEP International Training. *Course on Environmental Modelling, 17th-18th November, ILEC head office, Kusatsu Japan*
28. **2001: Shiga, Japan**
Towards Total Ecosystems Management in Kenyan Wetlands – Some Opportunities in the Small Man-made Reservoir Approach - The 9th International Conference on the Conservation and Management of Lakes, November 11-16, Otsu Prince Hotel, Shiga.
29. **2001: Bergen, Norway**
Recent Eutrophication Trends in Kenyan Ecosystems - The Second International Water History Association (IWHA) Conference on the Role of Water in History and Development, 10th-12th August, University of Bergen.
30. **2001: Amsterdam, The Netherlands**
Recent Trends in Eutrophication and Biotoxins production in Kenyan Waterbodies and the Participation of Local Communities in Damage Control - The Global Change Open Science Conference- Challenges of a Changing Earth. 10-13, July, The RAI Congress Centre, Amsterdam.
31. **2000: Nairobi, Kenya**
The Influence of Dams on the Continental Transfer of Phosphorus from Land to – Making inferences from catchment studies - LOICZ-IGBP AFRIBASINS I Workshop on the Fluxes of Nutrients and Sediments from Continents to Oceans. 25-27 July, UNEP HQs, Nairobi.
32. **1999: Nairobi, Kenya**
Integrated Watershed Management in Kenya – The small catchment approach – The BAHC/UNEP/AMCEN International Workshop on Freshwater Resources in Africa, 26 – 30 October, UNEP Headquarters, Nairobi.
33. **1999: Brisbane, Australia**
Implementation of Integrated Watershed Management Through Small Reservoir Catchments – The Second International Conference on Multiple Objective Decision Support Systems [MODSS'99] for Land and Water Management. 1 - 5 August. The Sheraton Hotel, Brisbane, Queensland.
34. **1999: Nairobi, Kenya**
Catchment-based Integrated Water Resources Management (IWRM) in the Rift Valley, Kenya: The small reservoir approach - The Ninth International Conference of the Eastern Africa Environmental Network (EAEN), May 28-29 1999. National Museums of Kenya, Nairobi.
35. **1999: Naivasha, Kenya**
The Limnogeography and Utilization of Small High Altitude Tropical Man-made Reservoirs in the Eastern Rift Valley, Kenya - International Conference on Shallow Tropical Waters and Humans. 11 16 April, KWSTI Naivasha.
36. **1998: Addis Ababa, Ethiopia**
The Environmental Characteristics and Socio-economic Values of Small Man-made Reservoirs in the Eastern Rift Valley, Kenya - Workshop for Winners of the Twelfth Organization for Social Science Research in Eastern and Southern Africa (OSSREA) Social Science Research Competition. 29 November - 02 December, OSSREA Building, University of Addis Ababa, Addis Ababa.
37. **1998: Dakar, Senegal**
The Characteristics of Small Man-made Wetlands in Kenya - Second International Conference on Wetlands and Development, 8-14 November, The Hotel Meridien, Dakar.
38. **1993: Tihany, Hungary**
International Lake Environment Committee ILEC/UNEP International Training. *Course on Limnological Bases of Lake Management, 24th May–5th June 1993, Tihany, Hungary*

RESEARCH GRANTS

A – Individual awards

- 1) **2016:** CODESRIA textbook publication award
- 2) **2012:** African Climate Change Fellowship Programme (ACCFP) Teaching Fellowship Award
- 3) **1998:** Research Grant, Organization for Social Science Research in Eastern and Southern Africa (OSSREA).
- 4) **1997:** Research Grant, Kenya Wildlife Service (KWS)/Netherlands Government Wetlands Conservation & Training Program.
- 5) **1995:** Research Grant, African Academy of Sciences (AAS).
- 6) **1994:** Research Grant, German Academic Exchange Service (DAAD).
- 7) **1989:** Graduate Scholarship (M.Sc.), Canadian International Development Aid (CIDA) tenable at McGill University, Canada

B- Collaborative awards

1. **2008:** NSF grant award for a GK-12 project partnered by University of Southern Maine (Professor Monroe Duboise, PI) with University of Nairobi (UoN) and NASA (Dr. Lynn Rothschild).

RESEARCH COLLABORATIONS

1. **2016-2019:** Mount Kenya Deglaciation Study in Collaboration with Kyoto University (Professor Kazuharu Mizuno – PI) funded by the Japanese Society for Promotion of Science (JSPS).
2. **2013:** Mangrove ecosystem research in the Kenya coast as part of the Climate and Development Knowledge Network (CDKN) in collaboration Dr. James Kairo of Kenya Marine and Fisheries Research Institute (KMFRI).
3. **2012:** Surface and groundwater quality studies in the Loitoktok region in collaboration with Prof. John Warui Kiringe of the School for Field Studies (an Affiliate of Boston University) in Kimana, Kenya.
4. **2011:** Astrobiological Investigation of the Molecular Determinants of Structural Integrity and Biological Functionality of Viruses in Extreme Environments in collaboration with Professor S. Monroe Duboise, Associate Professor, Department of Applied Medical Sciences, University of Southern Maine and Dr. Lynn J. Rothschild,, Collaborating NASA Research Scientist, NASA Ames Research Center and Consulting Professor, Stanford University.
5. **2009:** The occurrence of Eumycetozoans in the Masai Mara Grassland collaboration with Dr. Steven Stephenson (PI, Lincoln Memorial University) and Dr. George Ndiritu, National Museums of Kenya (http://lmu1.lmunet.edu/cgi-bin/MySQLdb?VIEW=/news/view_one.txt&newsid=836).
6. **2004:** The GoK/UNDP/GEF Indigenous Vegetation Research Project (IVP) in collaboration with NEMA (H.M. Kaburu and KFS (E. Omolo).

PUBLICATIONS

A - BOOK CHAPTERS:

(AS AUTHOR)

1. Mwaura, F. (2016): Wildlife heritage ownership and utilization in Kenya – past, present and future - In Deisser, A & N. Mugwima (2016): Conservation of Natural and Cultural Heritage in Kenya – A cross-disciplinary approach, UCL Press, London.
2. Abass, A.M. & F. Mwaura (2013): *Remembering the drylands of Kenya - Integrating the ASAL economies in Vision 2030* (Pg. 88-111). In Gona, G & Mbugua wa Muigai (Eds) – (Re)Membering Kenya (Volume 2) Interrogating Marginalization and Governance. A project by Goethe-Institut Kenya, Ford Foundation, Twaweza Communications.
3. Mohammed-Katerere, J.C., Mafuta, C., Abdulla, A., Ali, O.M.M., Mwaura, F & B. Sithole (2012): *Policy Options for Africa (Chapter 9). In UNEP (2012) – Global Environment Outlook (GEO-5) Environment for the Future We Want.* UNEP, Nairobi.
4. Ngumbi, E., Mwaura F. & T. Thenya (2012): *Local Communities and Wildlife Interactions Sharing land with wildlife, a case of Kitengela Wildlife Dispersal Area of Nairobi National Park in Kenya.* LAP Lambert Academic Publishing, Norderstedt ISBN 978-3-659-25538-0.

(AS CONTRIBUTOR)

1. UNEP (2010): "Africa Water Atlas". Division of Early Warning and Assessment (DEWA), United Nations Environment Programme (UNEP). Nairobi, Kenya
2. IAEA (2018): Strategic Environmental Assessment for Nuclear Power Programmes: Guidelines, IAEA Nuclear Energy Series No. NG-T-3.17, Vienna

B- JOURNAL ARTICLES:

1. **Mwaura, F.** (2019): An audit of environmental impact assessments for mining projects in Kenya. *Journal of the Southern African Institute of Mining and Metallurgy* **119(5)** DOI: 10.17159/2411-9717/143/2019.
2. Githinji M.W., **Mwaura, F.** & J. Wamalwa (2019): Pollution along the Altitudinal Gradient of the Likii River, Laikipia County, Kenya. *Journal of Environment Pollution and Human Health*, **7(1)**, 39-52. DOI: 10.12691/jephh-7-1-6.
3. **Mwaura F.**, Wamalwa J. & T. Mwake (2017): The Effect of Small Scale Topographic Gradient on the Distribution and Community Utilization of Indigenous Woody Species in a Lowland Dryland Environment, Lokapel Area, Turkana, Kenya. *Natural Resources*, **8**, 592—609.
4. Mbugua-Gitonga Agnes, **Mwaura F** & T. Thenya (2016): Biotechnology and Food Security in Kenya – An Assessment of Public Concerns on Biosafety, Public Health and Religious Ethics. *Journal of Advances in Biology & Biotechnology*. **9(3): 1-13**.
5. Kiringe, J.W., **Mwaura, F.** & Fiesta Warinwa (2016): Characterization of Chyulu Hills Watershed Ecosystem Services in South-Eastern Kenya. *Environment and Natural Resources Research; Vol. 6, No. 3: 65-76*.
6. Kiringe, J.W., **Mwaura, F.** & Fiesta Warinwa (2016): Characterization of Water Source Types and Uses in Kirisia Forest Watershed, Samburu County, Kenya. *Environment and Natural Resources Research; Vol. 6, No. 3: 77-90*.
7. **Mwaura F.**, Kiringe J.W., Warinwa F & P. Wandera (2016): Estimation of the Economic Value for the Consumptive Water Use Ecosystem Service Benefits of the Chyulu Hills Watershed, Kenya. *International Journal of Agriculture Forestry and Fisheries* **4(4):36-48**.
8. Warinwa, F. **Mwaura F.**, Kiringe J.W. & A.O. Ndubi (2016): Land Cover Dynamics in the Kirisia Forest Ecosystem, Samburu County, Kenya. *Advances in Remote Sensing*, **5:168-182**.
9. **Mwaura F.**, Kiringe J.W. & F. Warinwa (2016): Land Cover Dynamics in the Chyulu Watershed Ecosystem, Makeni-Kajiado Counties, Kenya. *International Journal of Agriculture, Forestry and Fisheries* **2016; 4(3):17-26**.
10. Masiga D.S., **Mwaura F.** & M. S. Mukhovi (2016): Wildlife Population Change in Africa from the Eyes of the Public-The Case of Mara Enoonkishu Conservancy in Southern Kenya. *Natural Resources*, **7**, 434-444.
11. Liza L. & **F. Mwaura** (2016): The Variability in the Generation, Disposal and Recycling of Mobile Phone E-waste According to Social Classes in Lang'ata Area, Nairobi, Kenya. *Journal of Environment Pollution and Human Health*, **2016, Vol. 4, No. 2, 42-51**.
12. Manoa, D.O. & **F. Mwaura** (2016): Predator-Proof Bomas as a Tool in Mitigating Human-Predator Conflict in Loitokitok Sub-County, Amboseli Region of Kenya. *Natural Resources*, **7**, 28-39.
13. **Mwaura F.** (2014): Bottom Sediment Chemistry, Nutrient Balance, and Water Birds in Small High Altitude Tropical Reservoirs in the Rift Valley, Kenya. *East African Journal of Sciences* **8 (2) 91-104**.
14. Mutui, Frida Nyiva, Bao Cun-kuan, Vincent Onyango, Victor Muhandiki & **Francis Mwaura** (2013): The Development and Practice of Strategic Environmental Assessment (SEA) in Kenya. *European Scientific Journal* **19(29):165-185**.
15. Kamau, J.W. & **F. Mwaura** (2013): Climate change adaptation and EIA studies in Kenya. *International Journal of Climate Change Strategies and Management" (IJCCSM)* **5(2):152-165**.
16. **Mwaura, F.** (2013): The geographic pattern and temporal trend of natural hazards and disasters in Kenya. *Regional Development Studies Journal of the United Nations Centre for Regional Development*, **16:84-97**.

17. Naún Lobo, Karen D. Moulton, Catherine Lobo, **Francis Mwaure**, Frank E. Riley, Jacques Kabaru, Lynn J. Rothschild and S. Monroe Dubois (2013): Bacteriophages from soda lakes of Kenya's Great Rift Valley demonstrate haloalkaline 5 selection for a distinctive capsid charge distribution. *Journal of Applied and Environmental Microbiology*.
18. Lobo, N., K.D. Moulton, C. Lobo, L.J. Rothschild, **F. Mwaure**, J.M. Kabaru, and S.M. Dubois (2012): Ultrastructural and Biochemical Analysis of In Vivo and In Vitro Capsid Assembly of the Alkaliphilic Phage Φ 1N2-2 for Applications in Nanomedicine. *Microscopy & Microanalysis* **18, S2, 110**.
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21. **Mwaure, F.** & L.N. Muhata (2009): The use of contingent valuation to assess the community willingness-to-pay for the conservation of Ondiri Swamp, Kikuyu, Kenya. *Regional Development Studies* **12-65-79**.
22. **Mwaure, F.** (2009): The influence of geographic and morphometric factors on the distribution of water bird species in small high altitude tropical man-made reservoirs, Central Rift Valley, Kenya. *Afr. J. Ecol* **48:676-690**.
23. **Mwaure, F.** & H.M. Kaburu (2008): Spatial variability in woody species richness along altitudinal gradient in a lowland dryland site, Lokapel Turkana, Kenya. *Biodiversity and Conservation* **18(1): 19-32**.
24. **Mwaure, F.** (2006): Some aspects of water quality characteristics in small shallow tropical man-made reservoirs in Kenya. *African Journal of Science & Technology (AJST)* **7(1):82-96**.
25. **Mwaure, F.**, Koyo, A.O. & B. Zech (2004): Cyanobacterial blooms and the presence of cyanotoxins in small high altitude tropical headwater reservoirs in Kenya. *Journal of Water and Health* **2(1):49-67**.
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27. **Mwaure, F.** & B. Zech (2003): Small man-made reservoirs and the future of integrated watershed management in Kenya. *Hekima Journal of Humanities and Social sciences* **2(1):67-79**.
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29. **Mwaure, F.** (1999): A Spatio-chemical Survey of Hydrogeothermal Springs in Lake Elementaita, Kenya. *International Journal of Salt Lake Research* **8(2): 127-138**.
30. **Mwaure, F.** & R.B. Ogendo (1993): Some Aspects of Vegetation Structure in a High Altitude Tropical Lake Elementaita Drainage Basin, Kenya. *Eastern & Southern Africa Geographical Journal* **4[1]: 73-89**.
31. **Mwaure, F.** & T.R. Moore (1991): Forest and Woodland Depletion in the Lake Elementaita Basin, Kenya. *Geoforum* **22[1]: 17-26**.

CONTRIBUTIONS IN SCIENTIFIC PROCEEDINGS

1. **Mwaura, F., (2001):** Towards Total Ecosystems Management in Kenyan Watersheds. Some Opportunities in the small man-made reservoir approach. Proceedings of the 9th International Conference on the Conservation and Management of Lakes, November 11-16, 2001, Volume 5:446-449.
2. **Mwaura, F. (2000):** Catchment Based Integrated Water Resources Management (IWRM) in the Rift Valley, Kenya - The Small Reservoir Approach. Proceedings of the Ninth International Conference of the Eastern Africa Environmental Network [EAEN], May 28-29 1999, EAEN, Nairobi.
3. **Mwaura, F. (1993):** Some Problems of Lake Management in Kenya. Proceedings of the ILEC/UNEP International Training Course on the Limnological Bases of Lake Management, May 24 - 5 June, ILEC Shiga.

UNPUBLISHED TRAINING MANUALS

1. **Mwaura F., & A. Mwangi (2016):** Environmental Auditing – A Training & Practice Guide
2. Nyangaga, J.M., **F. Mwaura** & I.J. Ndolo (2010): Physical Geography I – Training manual for B.Ed (Science) ODeL Program, School of Physical Science, University of Nairobi.
3. Ogembo, W.O., **Mwaura, F.** & M. Kirimi (2006): Field Techniques in Geography - Training manual for B.Ed (Science) ODeL Program, School of Physical Science, University of Nairobi.
4. NCPD (2010): Population, Health and Environment Integration Training Manual, NCPD, Ministry of State for Planning, National Development & Vision 2030, Nairobi

PEER REVIEW

1. Member of Editorial Board – East African Journal of Science, Technology & Innovation (EAJSTI), EAC
2. *Journal of Water and Health*, IWA Publishing
3. *African Journal of Ecology*, Wiley-Blackwell
4. *Regional Development Studies (RDS) Journal*, UNCRD
5. *Water Research (IWA)*, Elsevier
6. *East African Journal of Sciences*, Haramaya University, Ethiopia
7. *Africa Habitat Review Journal*, School of Built Environment, University of Nairobi

COMMUNITY SERVICE

1. Laptop and desktop donations to the Friends of Kinangop Plateau Community project through the Canadian Field Studies in Africa (CFSIA) Program - **2013**
2. Textbook donation (200 books) to Nyamathi Primary School in Naivasha with support from Children International. Textbook donation (100 books) to Mwiciringiri Secondary School in Naivasha with support from Children International - **2010**
3. School equipment donation (Computer laptop, LCD projector, digital microscope and portable microscope) to Paterson Memorial Secondary School in Magadi South Rift with support from the NSF, USA - **2009**
4. School equipment donation (Computer laptop, LCD projector, digital microscope and portable microscope) to Eburu Secondary School in Naivasha with support from the NSF, USA – **2008**
5. Equipment donation (LCD projector, digital microscope and portable microscope) to the Lake Bogoria Community Education Centre) in the North Rift with support from the NSF, USA – **2008**

MEDIA APPEARANCES

1. The Star, Wednesday 8 August 2017 – Naivasha Dry Port Will Boost the Port of Mombasa (https://www.the-star.co.ke/news/2017/08/08/dry-port-will-boost-mombasas_c1611429)
2. BBC World Service interview on the environmental rehabilitation of the Nairobi River on 20th July 2012.
2. The UN Environment Programme (UNEP) media launch of the Global Environment Outlook 5 (GEO 5) on 6 June 2012 at the 680 Hotel in Nairobi, Kenya.
3. The Star, Friday, 10 June 2011 – Flower farms destroying Lake Naivasha (www.the-star.co.ke/news/.../flower-farms-destroying-lake-naivasha).
4. Sunday Nation, August 12 2007 – Kenya should oppose Lake Natron project ([www.http://allafrica.com/stories/200708130283.html](http://allafrica.com/stories/200708130283.html)).

CURRICULUM EVALUATIONS

- 2019:** Curriculum evaluation of the Proposed MA in Geography in the Catholic University of Eastern Africa (CUEA) for the Commission for University Education (CUE).
- 2018:** Curriculum evaluation of the Proposed M.Sc in Dryland Environment & Natural Resources in Garissa University for the Commission for University Education (CUE).
- 2013:** Curriculum Evaluation for the Proposed Bachelor of Science (B.Sc) in Natural Resources Management in Wajir Peace University for the Commission for University Education (CUE).

SUMMARY

1. Total Number of PhD supervisions completed – **3**
2. Total Number of MA/M.Sc supervisions completed – **42**
3. Total number of foreign students supervised – **7**
4. Total Number of Papers in Peer-reviewed Journals – **28**
5. Number of Disciplines Covered by the Publications - **8** (Environment, limnology, ornithology, botany, toxicology, biogeography, hydrology, forestry, wetlands)
6. Average Number of Peer-reviewed Publications Per Year for the Past Five Years – **2**
7. Total Number of Consultancies – **Over 40**
8. Scientific meetings – **Over 30**

REFEREES

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