

## Dr. FRANCIS MWAURA (PhD) - CURRICULUM VITAE

<b>Personal information</b>	
Surname(s) / First name(s)	<b>Mwaura Francis</b>
Address(es)	Department of Geography & Environmental Studies Hyslop Bld (3 <sup>rd</sup> Floor) Office 307 P. O. Box 30197-00100 University Way Nairobi-KENYA
Telephone(s)	Office: (+254-020) 31 82 62 Ext. 28016/281 82      Mobile: [+254] 0722-90 64 60
Fax(es)	[+254-020] 245566
E-mail(s)	<a href="mailto:mwauraf@uonbi.ac.ke">mwauraf@uonbi.ac.ke</a> or <a href="mailto:francismwaura@hotmail.com">francismwaura@hotmail.com</a>
Nationality(-ies)	Kenyan
Date of birth	26th July 1962
Gender	Male
Current status	Senior Lecturer-Environmental Researcher /Consultant
Education	PhD, M.Sc & B.Sc

<b>Education and training</b>	
<b>1995 – 2004</b>	<b>PhD (Biogeography)</b>
Title of qualification awarded	Doctoral research - Limnogeography and utilization of Small High-altitude Tropical Man-made Reservoirs in Eastern Rift Valley, Kenya
Name and type of institution providing education and training	University of Nairobi
<b>1987 - 1992</b>	<b>M.Sc (Biogeography)</b>
Title of qualification awarded	M.Sc. research - Hydrochemistry, Lake Level and Vegetation Dynamics in the Lake Elementaita Basin, Kenya
Name and type of institution providing education and training	University of Nairobi, Kenya & McGill University, Canada
<b>1984 - 1987</b>	<b>B.Sc (Geography, Botany &amp; Zoology)</b>
Title of qualification awarded	B.Sc research – Factors affecting Inland Fisheries in Kenya: A Case Study of Lake Naivasha
Name and type of institution providing education and training	University of Nairobi

<b>LANGUAGE SKILLS</b>	(1 - excellent; 5 - basic)			
	Language	Reading	Speaking	Writing
	English	1	1	1
	Kiswahili	1	1	1

<b>MEMBERSHIPS OF PROFESSIONAL BODIES</b>			
<b>Current</b>	<table border="1"> <tr> <td><b>Bodies</b></td> </tr> <tr> <td> <ol style="list-style-type: none"> <li>1. Kenya Institute of Environmental Impact Assessors &amp; Auditors</li> <li>2. International Association of Hydrogeologists (IAH)</li> <li>3. International Water History Association (IWHA)</li> <li>4. Kenya Forests Working Group (KFWG)</li> <li>5. Board Member, Mwiciringiri Secondary School, Naivasha, Kenya</li> </ol> </td> </tr> </table>	<b>Bodies</b>	<ol style="list-style-type: none"> <li>1. Kenya Institute of Environmental Impact Assessors &amp; Auditors</li> <li>2. International Association of Hydrogeologists (IAH)</li> <li>3. International Water History Association (IWHA)</li> <li>4. Kenya Forests Working Group (KFWG)</li> <li>5. Board Member, Mwiciringiri Secondary School, Naivasha, Kenya</li> </ol>
<b>Bodies</b>			
<ol style="list-style-type: none"> <li>1. Kenya Institute of Environmental Impact Assessors &amp; Auditors</li> <li>2. International Association of Hydrogeologists (IAH)</li> <li>3. International Water History Association (IWHA)</li> <li>4. Kenya Forests Working Group (KFWG)</li> <li>5. Board Member, Mwiciringiri Secondary School, Naivasha, Kenya</li> </ol>			

<b>CAREER PROFILE</b>	
<b>Dates</b>	<b>1. Senior Lecturer &amp; Researcher,</b> Department of Geography & Environmental Studies, University of Nairobi, Kenya
<b>2005 – Present</b>	
Main activities and responsibilities	Research, training, supervision and examination of undergraduate, masters and PhD programs in biogeography, wetland science, environment and natural resources management
Key responsibilities	<ol style="list-style-type: none"> <li>a) Departmental Coordinator of the undergraduate Natural resources Management (NRM) Program.</li> <li>b) Departmental Coordinator of the undergraduate Biogeography Program.</li> <li>c) Departmental Coordinator of the MA/MSc/PhD program on Biodiversity &amp; Natural Resources Management (BNRM).</li> <li>d) Chair of the Departmental Postgraduate Committee (DPC).</li> <li>e) Departmental Representative to the Faculty Postgraduate Committee, faculty of Arts.</li> <li>f) Departmental Focal point for the Collaboration between the Department of Geography &amp; Environmental Studies and the Department of Geography, McGill University, Canada.</li> <li>g) Departmental Focal point for the Collaboration between the Department of Geography &amp; Environmental Studies and the Department of Geography, Miami University, USA.</li> <li>h) Departmental Focal point for the Collaboration between the Department of Geography &amp; Environmental Studies and the Department of Applied Medical Sciences, University of Southern Maine, USA.</li> <li>i) Departmental Focal point for the Collaboration between the Department of Geography &amp; Environmental Studies and the National Environment Management Authority (NEMA-Kenya).</li> </ol>
Reference contact(s)	HoD, Department of Geography & Environmental Studies, University of Nairobi, KENYA ( <a href="http://www.uonbi.ac.ke">www.uonbi.ac.ke</a> )
<b>June August 2011</b>	<b>2. Acting Chairman,</b> Department of Geography & Environmental Studies, University of Nairobi
Main activities and responsibilities	Coordinating and supervising all the day-to-day activities in the department
<b>1994-2005</b>	<b>3. Lecturer &amp; Researcher,</b> Department of Geography & Environmental Studies, University of Nairobi, Kenya
Main activities and responsibilities	Research, training, supervision and examination of undergraduate and masters and programs in biogeography, wetland science, environment and natural resources management

<b>1992-1994</b>	<b>4. Tutorial Fellow</b> , Department of Geography & Environmental Studies, University of Nairobi, Kenya
Main activities and responsibilities	Research, training, supervision and examination of undergraduate and masters and programs in geography
<b>1990-1992</b>	<b>5. Graduate Assistant</b> , Department of Geography & Environmental Studies, University of Nairobi, Kenya
Main activities and responsibilities	Research, training, supervision and examination of undergraduate, programs in geography
<b>1989-1990</b>	<b>6. Teaching Assistant</b> , Department of Geography, McGill University, Montreal Canada
Main activities	Teaching assistantship for undergraduate, programs in geographical sciences
<b>OTHER POSITIONS IN 2004-2012</b>	
<b>1. Guest Lecturer &amp; Researcher,</b>	<b>School for Field Studies, Kimana Bush Camp, Kenya, an affiliate of Boston University, USA</b>
Main activities and responsibilities	Support training in rangeland environmental monitoring
Reference contact(s)	Dr. Moses Okello, Centre Director, ( <a href="http://www.fieldstudies.org">www.fieldstudies.org</a> )
	<b>Guest Lecturer &amp; Researcher</b> , Kenya Wildlife Service Training Institute (KWSTI), Naivasha, Kenya
Main activities and responsibilities	Support training in environmental management
Reference contact(s)	KWSTI Principal ( <a href="http://www.kws.go.ke">www.kws.go.ke</a> )
<b>2. Adjunct Lecturer</b>	<b>United States International University (USIU), Nairobi, Kenya</b>
Main activities and responsibilities	Support training and examination of a general education course on Geography and Environment
Reference contact(s)	Dean, School of Arts and Science ( <a href="http://www.usiu.ac.ke">www.usiu.ac.ke</a> )
<b>3. Senior Associate Consultant</b>	<b>University of Nairobi &amp; Habitat Planners, Nairobi Kenya</b>
Main activities and responsibilities	<ul style="list-style-type: none"> <li>• Registered Environmental Impact Assessor and Environmental Auditor,</li> <li>• Range of consultancy services</li> <li>• Training in Natural Resources and Environmental Management especially Biodiversity and Ecosystems.</li> <li>• Environmental Quality Assessment especially Biodiversity and Ecosystems.</li> <li>• Environmental Monitoring especially Biodiversity and Ecosystems.</li> <li>• Human Impacts on the Natural Environment</li> <li>• Environmental Impact Assessment (EIA).</li> <li>• Strategic Environmental Assessment (SEA).</li> <li>• Environmental Audit (EA) &amp; Environmental Valuation.</li> <li>• Integrated Natural Resources Management.</li> <li>• Integrated Watershed Management,</li> <li>• Rehabilitation and Restoration of Disturbed Environments.</li> <li>• Environment and Natural Resources Management Planning</li> </ul>
Reference contact(s)	HoD, Department of Geography & Environmental Studies ( <a href="mailto:samowuor@uonbi.ac.ke">samowuor@uonbi.ac.ke</a> ) & CEO, Habitat Planners ( <a href="mailto:info@habitatplanner.com">info@habitatplanner.com</a> )

<b>KEY SKILLS &amp; COMPETENCIES</b>	<ul style="list-style-type: none"> <li>• Pedagogy with a bias on university and tertiary level teaching and training.</li> </ul>
Social skills and competences	<ul style="list-style-type: none"> <li>• Leadership and facilitation of community based natural resources management (CBNRM) and participatory environmental management workshops.</li> <li>• Leadership and facilitation of scientific meetings including seminars, workshops and conferences.</li> </ul>
Technical skills and competences	<ul style="list-style-type: none"> <li>• Designing, planning and implementation of research projects including proposal writing.</li> <li>• Report writing, document editing and information dissemination.</li> <li>• Formulation of a wide range management plans including ordinary plans, strategic plans and community action plans especially in natural resources and environment</li> <li>• Pedagogy with a bias on university and tertiary level teaching and training.</li> <li>• Biodiversity and ecosystems analysis and management.</li> <li>• Natural resources management (NRM).</li> <li>• Environmental planning and management.</li> <li>• Integrated water resources management (IWRM) especially rivers, lakes, reservoirs and watersheds.</li> <li>• Artificial recharge of ground water reserves.</li> <li>• Environmental analysis and modeling especially aquatic biodiversity and ecosystems.</li> <li>• Environmental impact assessment (EIA).</li> <li>• Environmental auditing (EA).</li> </ul>
Subsidiary skills & interests	<ul style="list-style-type: none"> <li>• Computing</li> <li>• Driving – Class E</li> <li>• Adventure travel</li> <li>• Nature appreciation and photography</li> <li>• Bird watching</li> <li>• Boating &amp; canoeing</li> <li>• Mountain climbing</li> <li>• Cultural exploration</li> </ul>
Personal values and principles	<ul style="list-style-type: none"> <li>• Humility, integrity, honesty and hardwork</li> </ul>

<b>ACADEMIC RESEARCH SUPERVISION</b>	
<b>PhD research – supervision on-going</b>	1. Rose Antipa (NEMA-Kenya): Environmental Planning and Management: Strategies for Community Based Development- The Case of Boni Forest, University of Nairobi – On-going
	2. Isaak Elmi (NEMA-Kenya): An assessment of the outcomes of environmental education on secondary school students in North Eastern Province, Kenya, University of Nairobi – On- going
	3. Thandiwe Chikomo (Birdlife International): Community based environmental indicators for biodiversity management in wetland IBAs of Kenya, University of Nairobi – On-going
	4. Parita Shah: Domestication and application of biodiversity related multilateral environmental agreements (MEAs) in Kenya, University of Nairobi – On-going
	5. Alec Blair (McGill University, Canada) - The Viability of Community Conservation in Laikipia North, Kenya – On-going
	6. Frida Nyiva Mutui: The effectiveness and challenges of the strategic environmental assessment (SEA) in environmental management in Kenya. Institute of Environment for Sustainable Development (IESD), UNEP-Tongji University, China
	7. Charles Kombe Charo: An assessment of the environmental and economic use of industrial wastes in the cement manufacturing process – A case study of East African Portland Cement Company.
<b>Masters research - supervision completed</b>	1. Thuita Thenya (2007): 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
	2. 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
	3. Jenny Bengtsson (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
	4. & Henrik Mosen (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
	5. 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

	6. 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
	7. 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
	8. 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
	9. 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
	10. 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
	11. George 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
	12. 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
	13. 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
	14. 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
	15. Godana Ramat (2006): The trend and impacts of forest resources utilization on Marsabit Mountain Ecosystem. M.A. (Environmental Planning and Management), University of Nairobi
	16. 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
	17. 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
	18. 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

	19. 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
	20. 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
	21. 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
	22. Joseph Namakara (2009): Poverty-biodiversity nexus: A case study of Mukogodo Forest, Laikipia District, Kenya. MA. (Biogeography), 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. Joel Makokha Wamalwa (2009): Environmental audit of livestock production systems in Migori District, Nyanza Province. M.A. (Environmental Planning and Management), University of Nairobi
	25. 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
	26. 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
	27. Austin Uduogu Okezie Denis (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
<b>Masters research - supervision on-going</b>	1. James Muturi Thongo - Environmental impacts of the Dagoretti Market abattoirs in Kikuyu Division. M.A. (Environmental Planning and Management), University of Nairobi
	2. Jane Mokeira Kibwage – The impact of environmental change on fish production and fisheries management in Lake Bogoria, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
	3. Othniel Mwambili - An assessment of the environmental impacts on canalization on birdlife and fishery biodiversity in Lake Naivasha. M.A. (Environmental Planning and Management), University of Nairobi

	4. Stephen Akut Lumbwa - Environmental risk assessment of Arsenic and Fluoride contamination of groundwater in the rift valley: A case study of the Naivasha Region. M.A. (Environmental Planning and Management), University of Nairobi
	5. Mary Waithiegeni Githinji - An assessment of environmental hazards and risks associated with small holder horticultural production in Kenya. M.A. (Environmental Planning and Management), University of Nairobi
	6. Dorothy Masiga Syallow – 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
	7. John Sikanga Maniafu - Economic Valuation of Watershed Environmental Services of Kimana Wetland, Kajiado County, Kenya. M.A. (Environmental Planning and Management), University of Nairobi.
	8. Moses Ziro – 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
	9. Faith Chepkoech Koech – Assessment of climate change mitigation and coping strategies for climate related Human Wildlife Conflicts in Nairobi National park with special reference to the Kitengela Wildlife Dispersal Area. M.A. (Environmental Planning and Management), University of Nairobi
	10. Everlyne Atieno Othigo – Environmental audit of a Health Facility – The Mater Hospital in Nairobi, Kenya. M.A. (Environmental Planning and Management), University of Nairobi
	11. Juma Mandela - 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
	12. Martin Thiongo – Assessment of the environmental impact of landform, landcover and landuse variability on water quality in Loitoktok District, Kajiado County. M.A. (Environmental Planning and Management), University of Nairobi
	13. Judyth Kanyi – 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



<b>CONSULTING EXPERIENCE</b>	
<b>1. Team Leader</b>	<b>Jan-March 2012</b>
Main activities and responsibilities	ESIA Chiakariga-Meru road (C92)) Road Construction Project in Meru County for the Kenya Rural Roads Authority (KeRRA)
Reference contact(s)	Environmental and Social Impact Assessment
Sector	Ms. Sophie Gathii, SafeEnvironment Consultancy Firm, Nairobi Kenya ( <a href="mailto:sophie@positiveimpact.co.ke">sophie@positiveimpact.co.ke</a> or <a href="mailto:sophiegathii@yahoo.com">sophiegathii@yahoo.com</a> )
	Environment & natural resources
<b>2. Team Leader</b>	<b>Jan-March 2012</b>
Main activities and responsibilities	ESIA Giakanja-Tetu Mission Road (d434), Kagogi-Ihwa-Ihururu (E1690) and Wandumbi-Kigogoini (E53) Road construction project, Nyeri County for Kenya National Highway Authority (KeNHA)
Reference contact(s)	Environmental and Social Impact Assessment
Sector	Ms. Sophie Gathii, SafeEnvironment Consultancy Firm, Nairobi Kenya ( <a href="mailto:sophie@positiveimpact.co.ke">sophie@positiveimpact.co.ke</a> or <a href="mailto:sophiegathii@yahoo.com">sophiegathii@yahoo.com</a> )
	Environment & natural resources
<b>3. Lead Consultant</b>	<b>February 2011-July 2011</b>
Main activities and responsibilities	Strategic Environmental Assessment (SEA) for the Pact Kenya Non State Actors in the NRM Programme
Reference contact(s)	Mr. James Ndungu, Programme Manager james.ndungu@pactke.org
Sector	Environment and natural resources management
<b>4. Lead Author</b>	<b>Nov 2010-August 2011</b>
Main activities and responsibilities	Chapter 9 on Policy Options for Africa in the 2012 UNEP Global Environment Outlook (GEO-5) which was launched in Rio+20
Reference contact(s)	Mr. Frank Turyatunga, Regional Co-ordinator, Africa Region, UNEP
Sector	Biodiversity
<b>5. Consultant</b>	<b>August-September 2011</b>
Main activities and responsibilities	Preparation of guidelines for conservancy-based tourism development in Kenya
Reference contact(s)	Ms. Judy Kepher-Gona, Bushcamp Foundation & Kenya Wildlife Trust
Sector	Environment, natural resources & tourism
<b>6. Consultant</b>	<b>August 2010 – February 2011</b>
Main activities and responsibilities	Preparation of Mara Naibosho Conservancy Management Plan
Reference contact(s)	Ms. Judy Kepher-Gona, Bushcamp Foundation
Sector	Environment & natural resources

<b>7. Lead Consultant</b>	<b>May 2010-August 2010</b>
Main activities and responsibilities	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
Reference contact(s)	Mr. Maalim. Abbass (National Program Coordinator), ALRMP, KICC, 13 <sup>th</sup> Floor, Phone 0723156668
Sector	World Bank Funded Total Economic Valuation (TEV) of ASAL natural capital and economic assets including social capital.
<b>8. Lead Consultant</b>	<b>April – May 2010</b>
Main activities and responsibilities	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
Reference contact(s)	Dr. Boniface K'Oyugi, CEO National Coordinating Agency on Population and Development (NCPD), Chancery Hse 4 <sup>th</sup> Flr. Cellphone - 0733942402
Sector	Integrated assessment (IA)
<b>9. Disaster specialist</b>	<b>December 2009-March 2010</b>
Main activities and responsibilities	Preparation of country disaster fact sheets for Kenya on behalf of the United Nations International Strategy for Disaster Reduction (UNISDR-Africa)
Reference contact(s)	Helene M. Lafferty, UNISDR Africa, UN Complex Block T Room T 117, <a href="mailto:helene.lafferty@unep.org">helene.lafferty@unep.org</a>
Sector	Disaster communication
<b>10. Environmental planning specialist</b>	<b>December 2009 – April 2010</b>
Main activities and responsibilities	Preparation of a Lake Naivasha Integrated Management Plan
Reference contact(s)	Anderson Koyo, Lake Naivsha Riparian association (LNRA), andkoyo@yahoo.com
Sector	Environment and natural resources planning and management
<b>11. NRM specialist</b>	<b>February 2009</b>
Main activities and responsibilities	Environmental and natural resources training and sensitization of WRMA and Ministry of State for Special Programmes staff involved in the World Bank/GoK Western Kenya Community Driven Development and Flood Mitigation Project (WKCDD/FMP)
Reference contact(s)	Ms. Rose Antipa, NRM Coordinator, WKCDD/FMP ( <a href="http://www.westernkenya.go.ke">www.westernkenya.go.ke</a> ).
Sector	NRM training
<b>12. Training Co-ordinator and Lead Facilitator</b>	<b>February 2009</b>
Main activities and responsibilities	Environmental training of technical officers from the Ministry of Pastoral Development and Environment Hargeisha, Somaliland
Reference contact(s)	Mr. Sam Gitahi, UNDP-Somalia program ( <a href="http://www.so.undp.org">www.so.undp.org</a> ).
Sector	Environment

<b>13. Lead Consultant</b>	<b>August 2008</b>
Main activities and responsibilities	Development of a national environmental research agenda and strategy for Kenya
Reference contact(s)	Dr. Muasya Mwinzi (DG-NEMA), Dr. Kennedy Ondimu (Director, ERP, NEMA) ( <a href="http://www.nema.go.ke">www.nema.go.ke</a> ).
Sector	Environment
<b>14. Lead Consultant</b>	<b>July 2008</b>
Main activities and responsibilities	EIA study on 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.
Reference contact(s)	Mr. Stephen K. Ithili (General Manager, Support Operations, KEPHIS) ( <a href="http://www.kephis.org">www.kephis.org</a> ).
Sector	Environment
<b>15. Consultant</b>	<b>April 2008</b>
Main activities and responsibilities	Review of consultancy reports for the studies on wetlands, biodiversity and water quality assessment in Lake Cyohoha (Rwanda) and Lake Tana (Ethiopia)
Reference contact(s)	Dr Henry Busulwa Nile Transboundary Environmental Action Project (NTEAP) of the Nile Basin Initiative (NBI)/ United Nations Office for Project Services (UNOPS-Nairobi Office) ( <a href="http://www.nileteap.org">www.nileteap.org</a> ).
Sector	Environment and natural resources
<b>16. Consultant</b>	<b>March – July 2007</b>
Main activities and responsibilities	Economic assessment of Kenya’s economic growth that is dependent on renewable natural resources and the environment
Reference contact(s)	Dr. Joseph Kariuki (Project Coordinator), Cardno Agrisystems Africa Ltd for UNDP (PEI) and Government of Kenya ( <a href="http://www.agrisystems.co.uk">http://www.agrisystems.co.uk</a> or <a href="http://www.cardno.com.au">www.cardno.com.au</a> )
Sector	Agriculture, tourism, environment, water and renewable energy
<b>17. Consultant &amp; National Team Leader</b>	<b>November 2006 – July 2007</b>
Main activities and responsibilities	Country assessment on population, health and environment cross-sectoral integration and collaboration
Reference contact(s)	Dr. B. K’Oyugi National Coordinating Agency for Population and Development (NCAPD), Ministry of State for Planning National Development and Vision 2030 or Mr. Karugu Ngatia (NCAPD), and Ms Melissa Thaxton Population Reference Bureau (PRB-USA), <a href="http://www.ncapd-ke.org">www.ncapd-ke.org</a> and <a href="http://www.prb.org">www.prb.org</a>
Sector	Integrated assessment
<b>18. Sub-consultant</b>	<b>June 2006</b>
Main activities and responsibilities	Country level integrated assessment of the impacts of organic agriculture on socio-economic and environment sectors
Reference contact(s)	Ms. Cecilia Kimemia or Mr. Eric Oyare, Bridge-Africa ( <a href="mailto:bridgeafrica@todays.co.ke">bridgeafrica@todays.co.ke</a> ) or Mr. Asad Naqvi, UNEP-UNCTAD Capacity Building Task Force on Trade, Environment and

	Development (CBTF) UNEP-UNCTAD CBTF, ( <a href="http://www.unep-unctad.org/cbtf">www.unep-unctad.org/cbtf</a> )
Sector	Integrated assessment
<b>19. Consultant</b>	<b>August – September 2006</b>
Main activities and responsibilities	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)
Reference contact(s)	Mr. James M. Ndungu, Deputy Director, Conservancies. African Conservation Centre (ACC): <a href="http://www.conservationafrica.org">http://www.conservationafrica.org</a> and <a href="http://www.au-ibar.org">www.au-ibar.org</a>
Sector	Dryland environment, livestock, and wildlife
<b>20. Consultant</b>	<b>May – December 2006</b>
Main activities and responsibilities	Assessment of capacity building needs and country specific priorities for biodiversity conservation and management in Kenya for UNDP/GEF & National Environment Management Authority (NEMA)
Reference contact(s)	Dr. Muasya Mwinzi (DG-NEMA), Dr. Kennedy Ondimu (Director, ERP, NEMA) ( <a href="http://www.nema.go.ke">www.nema.go.ke</a> ).
Sector	Biodiversity management
<b>21. Community workshop facilitator</b>	<b>September 2005</b>
Main activities and responsibilities	Development of a participatory community based natural resources management (CBNRM) action plan (CAP) for the Karai-Nyamathi-Mirera area, Naivasha.
Reference contact(s)	Mr. Patrick Munge Waweru, Hon. Secretary, Uhotani Multi purpose community group: <a href="mailto:uhotanicbo@yahoo.com">uhotanicbo@yahoo.com</a>
Sector	Natural resources, environment and community livelihoods
<b>22. Consultant community workshop assistant facilitator</b>	<b>May, 2005</b>
Main activities and responsibilities	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)
Reference contact(s)	Mr. H.M. Kaburu, Project Liaison Officer, NEMA-Kenya ( <a href="http://www.nema.go.ke">www.nema.go.ke</a> ).
Sector	Community biodiversity use
<b>23. Consultant – Wetland specialist</b>	<b>September 2004</b>
Main activities and responsibilities	Identification of critical wetland resource users and products and assessment of training needs in Kenya
Reference contact(s)	Mr. Anderson Koyo (Programme Officer, Kenya Wildlife Service (KWS) for the IUCN-EARO/NORAD East African Regional Wetlands Support Programme (EAWSP): <a href="http://www.kws.org">www.kws.org</a>
Sector	Environment, biodiversity and ecosystems

<b>24. Consultant – Wetland specialist</b>	<b>August, 2004</b>
Main activities and responsibilities	Development of an ecotourism business plan for the Greater Lake Nakuru Region
Reference contact(s)	Mr. Anderson Koyo (Programme Officer, Kenya Wildlife Service (KWS) for the IUCN-EARO/NORAD East African Regional Wetlands Support Programme (EAWSP): <a href="http://www.kws.org">www.kws.org</a>
Sector	Environment, biodiversity and ecosystems
<b>25. Consultant</b>	<b>January 2003 - 2005</b>
Main activities and responsibilities	Development of biodiversity indicators for national use (BINU) for the global UNEP/GEF/WCMC BINU Project
Reference contact(s)	Dr. Phillip Bubb (Project Coordinator, WCMC) and Mr. Richard Odongo (Project Coordinator, KWS-Kenya) ( <a href="http://www.unep-wcmc.org">www.unep-wcmc.org</a> and <a href="http://www.kws.org">www.kws.org</a> ),
Sector	Environment, biodiversity and ecosystems
<b>26. Consultant – Wetland specialist</b>	<b>May 2003</b>
Main activities and responsibilities	Identification of critical wetland resource users and products and assessment of training needs in Kenya
Reference contact(s)	Mr. Anderson Koyo (Programme Officer, Kenya Wildlife Service (KWS) for the IUCN-EARO/NORAD East African Regional Wetlands Support Programme (EAWSP): <a href="http://www.kws.org">www.kws.org</a>
Sector	Environment, biodiversity and ecosystems
<b>27. Consultant – Wetland specialist</b>	<b>March, 2003</b>
Main activities and responsibilities	Review of assessment methodologies for socio-economic and cultural factors affecting wetlands management and conservation in Kenya.
Reference contact(s)	Mr. Anderson Koyo (Programme Officer, Kenya Wildlife Service (KWS) for the IUCN-EARO/NORAD East African Regional Wetlands Support Programme (EAWSP): <a href="http://www.kws.org">www.kws.org</a>
Sector	Environment, biodiversity and ecosystems
<b>28. Consultant – Wetland specialist</b>	<b>February, 2003</b>
Main activities and responsibilities	Development a Regional Wetlands Monitoring and Evaluation programme for Kenya.
Reference contact(s)	Mr. Anderson Koyo (Programme Officer, Kenya Wildlife Service (KWS) for the IUCN-EARO/NORAD East African Regional Wetlands Support Programme (EAWSP): <a href="http://www.kws.org">www.kws.org</a>
Sector	Environment, biodiversity and ecosystems
<b>29. Consultant – Wetland specialist</b>	<b>January, 2003</b>
Main activities and responsibilities	Inventory and assessment of wetland invasive species in Kenya.
Reference contact(s)	Mr. Anderson Koyo (Programme Officer, Kenya Wildlife Service (KWS) for the IUCN-EARO/NORAD East African Regional Wetlands

	Support Programme (EAWSP): <a href="http://www.kws.org">www.kws.org</a>
Sector	Environment, biodiversity and ecosystems
<b>30. Consultant – Wetland specialist</b>	<b>January, 2003</b>
Main activities and responsibilities	Formulation of a Management Plan for Lake Ol Bollossat, Kenya
Reference contact(s)	Mr. Anderson Koyo (Programme Officer, Kenya Wildlife Service (KWS): <a href="http://www.kws.org">www.kws.org</a> )
Sector	Environment, biodiversity and ecosystems

## **CONFERENCE PAPERS AND SCIENTIF MEETINGS**

### **1. 2013: University of 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, 21<sup>st</sup> January 2013, Chiromo Conference Centre, University of Nairobi

### **2. 2012: Nakuru, Kenya**

National workshop on the national wetlands policy. Merica Hotel, Nakuru, 28<sup>th</sup> & 29<sup>th</sup> August 2012.

### **3. 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

### **4. 2011: Nairobi, Kenya**

UNEP- GEO-5 Africa Chapter: Second Authors Meeting, 17-19 October 2011, UNEP Office, Nairobi Kenya

### **5. 2011: Bangkok, Thailand**

UNEP- GEO-5 Second Production and Author's Meeting. 5 - 8 September 2011, Swissotel Nai Lert Park Bangkok, Thailand

### **6. 2011: Nairobi, Kenya**

UNEP GEO-5 Africa Chapter: First Authors Meeting, 16-18 March 2011, UNEP Office, Nairobi Kenya

### **7. 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

### **8. 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

### **9. 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

### **10. 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

### **11. 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.

12. **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, 30<sup>th</sup> June – 4<sup>th</sup> July 2003, the UNEP World Conservation Monitoring Centre (WCMC), Cambridge UK.
  
13. **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.
  
14. **2002: Adelaide, Australia**  
*Artificial Recharge Experiences in Kenya* - 4<sup>th</sup> International Symposium on Artificial Recharge (ISAR-4), 22-26 September, Adelaide Hilton, Adelaide, Australia.
  
15. **2002: Stockholm, Sweden**  
*Small Reservoirs and Rural Water Supply in Kenya: Balancing Landuse, Catchment Structure and Water Quality* - The 12<sup>th</sup> International Stockholm Water Symposium, August 12-15, Stockholm City Conference Centre.
  
16. **2001: Shiga, Japan**  
*Towards Total Ecosystems Management in Kenyan Wetlands – Some Opportunities in the Small Man-made Reservoir Approach* - The 9<sup>th</sup> International Conference on the Conservation and Management of Lakes, November 11-16, Otsu Prince Hotel, Shiga.
  
17. **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, 10<sup>th</sup>-12<sup>th</sup> August, University of Bergen.
  
18. **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.
  
19. **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.
  
20. **2000: Yerevan, Armenia**  
*The Response of Plant and Animal Communities to Landsuse and Landcover Changes in the Lowland Drylands of the Eastern Rift Valley, Kenya* - IGU & BSG International Scientific Conference on Biogeographical and Ecological Aspects of Desertification Process in Arid and Semiarid Environments, 23-29 May, Yerevan State University.
  
21. **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.
  
22. **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.*

**23. 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.*

**24. 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.*

**25. 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.*

**26. 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.*

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**RESEARCH AWARDS:**

**A – Individual awards**

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

**B- Collaborative awards**

1. **2011:** NSF grant Ecological Studies in the Maasai Mara National Reserve and Kenyan Training Workshop on Eumycetozoa in collaboration with Lincoln Memorial University (Dr. Steven Stephenson, PI) and national Museums of Kenya (Dr. George Ndiritu).
2. **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 Rothchild).

**SELECTED PUBLICATIONS**

1. Kamau, J.W. & F. Mwaura (2013): Climate change adaptation and EIA studies in Kenya. Submitted to the *International Journal of Climate Change Strategies and Management* (IJCCSM), published by Emerald Publishing Group UK..
2. Mwaura, F. (2013): The spatio-temporal trends of natural hazards and environmental disasters in Kenya – in press (Accepted in the *Regional Development Studies Journal* of the United Nations Centre for Regional Development).
3. Mwaura, F. & J. Wamalwa (2013): The effect of small scale topographic gradient on the distribution and community utilization of indigenous woody species in a lowland dryland environment, Lokapel region, Turkana, Kenya – submitted to the *Hekima Journal* of the University of Nairobi).
4. 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.
5. Lobo, N., K.D. Moulton, C. Lobo, L.J. Rothschild, F. Mwaura, J.M. Kabaru, and S.M. Duboise (2012): Ultrastructural and Biochemical Analysis of *In Vivo* and *In Vitro* Capsid Assembly of the Alkaliphilic Phage  $\Phi$ 1N2-2 for Applications in Nanomedicine. *Microscopy & Microanalysis* Volume 18, S2, 110.
6. Moulton, K. D., M. Movassaghi, J. L. Jamison, N. Lobo, C. Lobo, W. Witbeck, K. Gikonyo, J. Gaynor, J. Rothschild, F. Mwaura, and S. M. Duboise (2011): Isolation and Initial Study of  $\Phi$ 1M3-16, a Bacteriophage Infecting an Alkaliphilic *Nitricola* sp Isolate from Lake Magadi, a Soda Lake in Kenya's Great Rift Valley. *Microscopy & Microanalysis*, Volume 17, S2, 350-351.
7. Jamison, J.L., K.D. Moulton, F.E. Riley, D.L. Ramsdell, V.M. Serio, L.J. Rothschild, F. Mwaura, and S.M. Duboise (2010): Integration of Transmission Electron Microscopy and Extremophile Virology Research into University and K-12 Education in Maine and Kenya. *Microscopy & Microanalysis*, Volume 16, Supplement 2, 1962-1963.
8. Mwaura, 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.
9. Mwaura, 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.
10. Mwaura, 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.*

11. Mwaura, 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.*
12. Mwaura, 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.*
13. Mwaura, F. (2003): The spatio-temporal characteristics of water transparency and temperature in shallow reservoirs, Kenya. *Lakes & Reservoirs: Research and Management 8:259-268.*
14. Mwaura, 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.*
15. Mwaura, F., Mavuti, K.M. and W.N. Wamicha (2002): Biodiversity characteristics of small high altitude tropical man-made reservoirs in the eastern Rift Valley, Kenya. *Lakes & Reservoirs: Research and Management 2002 7:1-12.*
16. Mwaura, F., (2001): Towards Total Ecosystems Management in Kenyan Watersheds. Some Opportunities in the small man-made reservoir approach. Proceedings of the 9<sup>th</sup> International Conference on the Conservation and Management of Lakes, November 11-16, 2001, Volume 5:446-449.
17. 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.
18. Mwaura, F. (2000): A Spatio-chemical Survey of Hydrogeothermal Springs in Lake Elementaita, Kenya. *Discovery and Innovation 12(1):73-79.*
19. Mwaura, F. [1999]: A Spatio-chemical Survey of Hydrogeothermal Springs in Lake Elementaita, Kenya. *International Journal of Salt Lake Research 8(2): 127-138.*
20. 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.
21. Mwaura, 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.*

	22. Mwaura, F. & T.R. Moore [1991]: Forest and Woodland Depletion in the Lake Elementaita Basin, Kenya. <i>Geoforum</i> 22[1]: 17-26.
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<b>JOURNAL PEER REVIEW</b>	<ol style="list-style-type: none"> <li>1. Journal of Water and Health, IWA Publishing - 2010</li> <li>2. African Journal of Ecology, Wiley-Blackwell - 2010</li> <li>3. Regional Development Studies - 2011</li> <li>4. Journal of Environment &amp; Development - 2012</li> </ol>
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### **COMMUNITY SERVICE**

1. Textbook donation (200 books) to Nyamathi Primary School in Naivasha with support from Children International.
2. Textbook donation (100 books) to Mwiciringiri Secondary School in Naivasha with support from Children International.
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.
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.
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.

### **MEDIA APPEARANCES**

1. Sunday Nation, August 12 2007 – Kenya should oppose Lake Natron project
2. The Star, Friday, 10 June 2011 – Flower farms destroying Lake Naivasha
3. 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.
4. BBC World Service interview on the environmental rehabilitation of the Nairobi River on 20<sup>th</sup> July 2012

### **GRADUATE EXAMINATIONS**

1. No. of Ph.Ds students examined either as External Examiner, Internal Examiner or Examination Board Member – 3
2. No. of Masters students examined either as External Examiner, Internal Examiner or Examination Board Member – 15

### **SCIENTIFIC MEETINGS**

25 international meetings (symposia, conferences and workshops) on the following thematic areas - Wetlands and development, freshwater resources, role of water in history and development, conservation and management of lakes, artificial water recharge, space technologies for water resources management, arid and semiarid environments, nutrients and sediments fluxes from continents to oceans, global environment change, biodiversity indicators for environmental management, population, health and environment (PHE) integration and cross-sectoral collaboration, HIV/AIDS and environment linkages, climate change, multiple objective decision support systems

<p><b>ADDITIONAL INFORMATION</b></p>	<p><b>REFEREES:</b></p> <p><b>1. Dr. SAMUEL O. OWUOR</b>  Chairman,  Department of Geography &amp; Environmental Studies,  University of Nairobi,  P.O. Box 30197-00100, Nairobi-KENYA;  Phone: [+254-020] 318262,  Email – <a href="mailto:samowuor@uonbi.ac.ke">samowuor@uonbi.ac.ke</a> or <a href="mailto:geography@uonbi.ac.ke">geography@uonbi.ac.ke</a></p> <p><b>2. PROFESSOR THOM MEREDITH,</b>  Professor &amp; Founding Director  Canadian Field Studies in Africa (CFSIA) Program  Department of Geography,  McGill University,  805 Sherbrooke Street West, Montreal, Quebec  CANADA H3A 2K6,  Phone: (514) 398-4219,  Fax: (514) 398-7437,  E-mail: <a href="mailto:meredith@geog.mcgill.ca">meredith@geog.mcgill.ca</a></p> <p><b>3. PROFESSOR GEOFFREY OTIANGA OWITI,</b>  Principal, Kenya Wildlife Training Institute,  P.O. 842 Naivasha, Kenya,  Tel: +254 (0311) 20267/20577,  Fax +254 (0311) 21328, Email: <a href="mailto:geowiti@yahoo.com">geowiti@yahoo.com</a></p> <p><b>4. PROFESSOR GEOFFREY WAHUNGU</b>  Director General  National Environmental Management Authority (NEMA)  P.O.BOX 67839-00200,  Nairobi, Kenya  Office Mobile: 0724 - 253 398 /0728-585 829 / 0735-013 046 / 0735-010 237  Personal Mobile: 254 – 720140349  Office Email - <a href="mailto:dgnema@nema.go.ke">dgnema@nema.go.ke</a>  Personal email – <a href="mailto:gmwahungu@yahoo.com">gmwahungu@yahoo.com</a></p>
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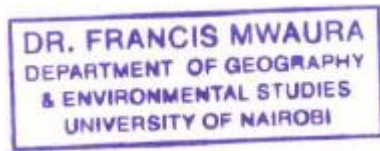
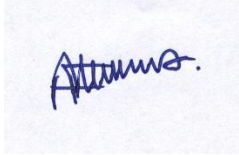
**SUMMARY:**

1. Total Number of Papers in Peer-reviewed Journals: 19
2. Number of Disciplines Covered by the Publications: 8 (Environment, limnology, ornithology, botany, toxicology, biogeography, hydrology, forestry, wetlands)
3. Average Number of Peer-reviewed Publications Per Year for the Past Five Years: 2
4. Total Number of Previous Consultancies: 30 (Wetlands management, monitoring and evaluation of wetlands, development of wetland biodiversity indicators for national use, wetlands training needs assessment, ecotourism business planning, development of community action plans (CAPs), lake basin management planning, preparation of

conservancy management plans, development of national conservancy management guidelines, capacity needs assessment for national biodiversity conservation and management, local area assessment of natural resource utilization, preparation of country disaster fact sheets, country assessment on population, health and environment cross-sectoral integration and collaboration, preparation of country state of population report on population dynamics and climate change, total economic valuation of arid & semi-arid areas (ASALs), country level integrated assessment of the impacts of organic agriculture on socio-economic and environment sectors, environmental impact assessment (EIA), strategic environmental assessment (SEA), environmental auditing (EA), preparation of a national environmental research agenda.

**CERTIFICATION:**

I, the undersigned, certify that these data correctly describe me, my qualifications and my experience.



**Date:** February 2013

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(Signature & Stamp)

**Dr. Francis Mwaura**