

ACADEMIC STAFF PROFESSIONAL PROFILE FORM



1. Personal Data

Name: Ishmail O. Mahiri
Title/Qualifications: M.Sc. and PhD in Geography
Department/Unit/Section: Department of Geography
Contact Address: Kenyatta University, Department of Geography, P.O. Box 43844-00100, Nairobi
Position: Lecturer
Area of Specialization: Policy, Environment and Society
Research Interests:
1. Natural Resources Management
2. Environmental Policy & Legal Framework
3. Local Knowledge and Participatory Approaches

2. Conference Presentations

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference	Funding (US\$)
1.	Evans Mutuma & Ishmail Mahiri	Assessment of adoption of water resources conservation under fluctuating rainfall regimes in Ngaciuma Watershed, Kenya	Zurich, Switzerland	14 th to 16 th September 2010	World Food System – Europe
2.	Ishmail Mahiri	Environmental and social impact assessments in a watershed	Sportsmans Arms Hotel, Nanyuki, Kenya	31 st July 2008	IWMNet, Siegen University, Germany
3.	Ishmail Mahiri	Indigenous knowledge and sustainable management of natural resources within the wetlands of Lake Victoria Basin	Sunset Hotel, Kisumu, Kenya	23 rd to 27 th May 2006	Lake Victoria Research (VicRes)
4.	Ishmail Mahiri	Sustainable management of natural resources within the wetlands in Lake Victoria Basin	Ngurdoto Mt Lodge, Arusha, Tanzania	23 rd to 26 th August 2005	Lake Victoria Research (VicRes)
5.	Mahiri, I.O.	Dynamics of	Department of	6 th May	West

		fuelwood demand and environmental management in Kisumu district, Kenya	Geology and Geography, West Virginia University, U.S.A	2002	Virginia University, U.S.A.
6.	Mahiri, I.O.	Knowledges, Fuelwood and Environmental Management in Kenya	Geography Colloquium, Department of Geology and Geography, West Virginia University, U.S.A.	14 th January 1999	West Virginia University, U.S.A.
7.	Mahiri, I.O.	Kenya: a land of diversity	Morgantown North Rotary Club, District 7530	17 th February 1999	Morgantown North Rotary Club, District 7530, West Virginia, U.S.A.
8.	Mahiri, I.O.	The Historical Evolution of Forestry in Western Kenya	University of Edinburgh, UK. Development Studies Association/Royal Geographic Society (DSA/RGS) Conference.	24 th – 27 th May 1998	University of Durham, UK.
9.	Mahiri, I.O.	The Historical Evolution of Forestry in Western Kenya	University of Central Lancashire, Preston, UK. International Conference on Africa and Globalisation: Towards the Millennium.	18 th to 21 st April 1998	University of Durham, UK.
10.	Mahiri, I.O.	Postgraduate Research for Students in the UK.	Guildford, University of Surrey, UK. International Conference of Institute of British Geographers/Royal Geographical Society (IBG/RGS)	5 th to 8 th January 1998	IBG/RGS Developing Areas Research Group (DARG).
11.	Mahiri, I.O.	The Environmental Knowledge Frontier: Transect Walks with Experts and Villagers.	School of Development Studies, University of East Anglia, Norwich, UK. Annual Conference of Development	14 th to 16 th September 1997.	Department for International Development (DfID), UK.

			Studies Association (DSA).		
12.	Mahiri, I.O.	The dynamics of fuelwood demand and environmental/land management in rural Kenya: The case of Nyando Division, Kisumu District, Kenya	University of Birmingham, City of Birmingham, UK. International Conference titled, Contested Terrain: Forestry Institutions and Management	21 st to 24 th April 1996.	University of Durham, UK.

3. Research

S/No	Researcher	Year	Title	Donor	Funding (US\$)
1.	Mahiri, I.O.	1998	Knowledges, Fuelwood, and Environmental Management in Kisumu District, Kenya – PhD Research in Western Kenya.	Overseas Research Students (ORS) Award Scheme and University of Durham, UK.	15,500
2.	Mahiri, I.O.	1994	The Issue of Error in Spatial Data in Forestry Resource Mapping and Management – M.Sc. Library Research in UK.	World Bank	7,700
3.	Mahiri, I.O.	1986	Forestry Survey through Aerospace Remote Sensing Techniques in Austria and Black Forest in Germany.	ITC, the Netherlands.	3,500

4. Funded projects

S/ No	Researcher	Year	Title	Granting Body	Funding (US\$)
1.	Dr I.O. Mahiri (Principal Investigator); Collaborators: Dr Grace Kyeyune and Mr. Abdul Kibagambe (Both from Nkumba University, Uganda)	2005-2009	Indigenous Knowledge and Sustainable Management of Natural Resources within Selected Wetlands in the Lake Victoria Basin: A Participatory Approach.	Sida/SAREC, under the Lake Victoria Research (VicRes) Initiative.	98,742
2.	Dr I.O. Mahiri (Principal) and Prof. Chris	2001-2002	Community Management Systems for Fuelwood Resources in Western Kenya	Rockefeller Foundation, under African	31,998

	Shisanya			Career Awards (ACA) Programme, Grant Number 98036#886	

5. Publications

S/No.	Author	Year	Title	Journal	ISBN/ISSN Reference No.
1.	James Maina Mathenge, Cush L. Ngonzo, Chris Allan Shisanya, Ishmail Mahiri , Rose Adhiambo Akombo, Mary Nyawira Mutiso	2014	Water Security Where Governmental Policies Conflict with Local Practices: The Roles of Community Water Management Systems in Ngaciuma-Kinyaritha, Kenya	International Journal of Innovative Research and Development (IJIRD)	Vol. 3 (5), pp. 793-804, ISSN 2278 – 0211 (Online)
2.	James Maina Mathenge, Cush L. Ngonzo, Chris Allan Shisanya, Ishmail Mahiri , Rose Adhiambo Akombo, Mary Nyawira Mutiso	2014	Community Participation in Water Sector Governance in Kenya: A Performance Based Appraisal of Community Water Management Systems in Ngaciuma-Kinyaritha Catchment, Tana Basin, Mount Kenya Region	International Journal of Innovative Research and Development (IJIRD)	Vol. 3 (5), pp. 783-792, ISSN 2278 – 0211 (Online).
3.	James Maina Mathenge, Cush Ngonzo Luwesi, Chris Allan Shisanya, Ishmail Mahiri , Rose Adhiambo Akombo, Mary Nyawira Mutiso	2014	The Contribution of Community Water Management Systems to Enhanced Water Security under Changing Legal and Weather Conditions in Kenya	JAAS	Vol. 2 (4), pp. 113-123, E-ISSN: 2311-6730
4.	Mahiri, I.O.	2003	Rural Household responses to fuelwood scarcity in Nyando District, Kenya	Journal of Land Degradation and Development	Vol. 14, pp.163-171
5.	Mahiri, I.O. and Horworth, C.	2001	Twenty years of resolving the irresolvable:	Land Degradation and	Vol.12, pp. 203-215

			approaches to the fuelwood problem in Kenya	Development	
4.	Mahiri, I.O.	1998	The environmental knowledge frontier: transects with experts and villagers	Journal of International Development	Vol.10, No.4, pp. 527-537
5.	Mahiri, I.O.	1998	Comparing transect walks with experts and local people	PLA Notes	31, pp. 4-8
6.	Mahiri, I.O.	1996	The dynamics of fuelwood demand and environmental/land management in rural Kenya: The case of Nyando Division, Kisumu District, Kenya		Graduate Discussion Paper 96/1, Department of Geography, University of Durham, U.K

6. Consultancy and community service

S/No.	Consultant (s)	Consulting Person/ Body/ Organization	Year	Title Consultancy Service	Payment (US\$)
1.	Dr Ezekiel Nyangeri (Leader), Dr I.O. Mahiri, Dr S.K. Wambugu, and Dr C. Ondieki	Samez Consultants Ltd, for Kenya's Ministry of Water and Irrigation/JICA	2005	Baseline survey of the proposed project for the formulation of an Integrated Watershed Management Plan for the Nyando River Basin	5,000
2.	Prof. Phil O'Keefe (Leader) and Dr I.O. Mahiri	ETC (UK) Development Consultants	2002	The Netherlands Climate Change Studies Assistance Programme (NCCSAP) for Senegal, Mongolia and Costa Rica	7,000

7. Affiliation to Professional Bodies

S/No	Name of professional body
1.	American Association for the Advancement of Science (AAAS), Certificate of Membership dated 12 th September 2003, but never renewed.

8. National and International awards and Recognitions

S/No	Name of award or Recognition	Awarding Organization/Body	Year
1.	International Professional of the Year – 2005 and one of the 2000 Outstanding Intellectuals of the 21 st Century.	International Biographical Centre, Cambridge, England.	2004
2.	Inclusion in the 22 nd Edition of America's Who's Who in the World.	America's Marquis Who's Who in the World.	2004
3.	Board Member in the PhD proposal of an American student.	Department of Geology and Geography, West Virginia University, U.S.A.	2002
4.	Visiting Research Scholar in participatory GIS.	Department of Geology and Geography, West Virginia University, U.S.A.	1999
5.	"Forestry for Sustainable Rural Development"- Book price for innovation arising from my article in the <i>PLA Notes Series</i> in 1998.	Ford Foundation, U.S.A.	1998
6.	Teaching Assistantship for the GIS Masters' course.	Department of Geography, University of Durham, UK.	1997
7.	Scholarship for M.Sc. degree in Geographical Information for Development at the University of Durham, UK.	World Bank, through Department of Geography, Kenyatta University, Kenya.	1993
8.	Study Fellowship for Technologists' Diploma in Forest Survey through Aerospace Remote Sensing Techniques at ITC, The Netherlands.	Netherlands Government through the Forestry Department, Ministry of Environment and Natural Resources, Kenya.	1985

9. External Examination (if any)

S/No	Institution	Year

10. Supervision of postgraduate students (if any)

S/No	Name of student	Thesis title	Status of project(e.g.Fiest year etc)
1.	Vincent G. Gaitho (C82/5077/2004)	Community Based Ecotourism and Households' Livelihoods and Environmental Management in the II-Ngwesi and Lekuruki Group Ranches in	PhD Thesis - Graduated 2014. With Dr Philomena Muiruri as 1 st supervisor.

		Laikipia District, Kenya	
2.	Pauline M. Mwangi (C82/OL/0014/2003)	Human-wildlife relations: Conservation for livelihoods in Nyeri District, Kenya	PhD Thesis - Graduated 2012. With Prof. Dorothy Mutisya as 2 nd supervisor.
3.	Mary W. Maina (C82/14622/2009)	Effects of Ecotourism on Sustainable Natural Resources and Local Livelihoods in the Aberdare National Park and the Lake Elementaita Ecosystem in Kenya	PhD Thesis - 2nd Year. With Prof. Joy Obando as 1 st supervisor.
4.	Dikko Jeff Gafna (C50/CE/22294/201 0)	An investigation of Medicinal Plants Species Diversity and Access to Traditional Herbal Medicine among the Samburu People, Samburu Central District, Kenya	M.A. Thesis – Graduated 2014. With Dr Joseph Mahiri as 2 nd supervisor.
5.	Evans Mutuma (C50/10079/2007)	Assessment of water resources accessibility and conservation in Ngaciuma/Kinyaritha sub- catchment, Imenti North District in Meru, Kenya	M.Sc. Thesis - Graduated 2012. With Dr Shadrack Murimi as 1 st supervisor.
6.	Janet Auma Atieno (156/10458/2006)	Utilization and Conservation of Papyrus Plants for Sustainable Livelihoods in Kusa Swamp, Lake Victoria, Kenya	M.Sc. Thesis – Graduated 2012. With Prof. Chris Shisanya as 2 nd supervisor.
7.	Felix Muthomi Kithinji (156/10095/2007)	Socio-economic Factors Influencing Household Wetland Resources Conservation and Use in Ngaciuma Sub-catchment, Upper Tana, Kenya.	M.Sc. Thesis – Graduated 2012. With Dr George Makokha as 1 st supervisor.
8.	Brenda Nekesa Oduori (C50/8386/97)	Socio-economic aspects and geomorphological effects of quarrying in Nairobi and its environs.	M.Sc. Thesis – Graduated 2008. With Dr Joy Obando as 1 st supervisor.
9.	Ndege Wamboi Winfred, (C50/7858/02)	The Effects of Ecotourism on Livelihoods in Kajiado District, Kenya.	M.A. Thesis – Graduated 2008. With Dr Joy Obando as 1 st supervisor.
10.	Mahiri Joseph Gimunta (C50/6137/03)	Environmental and socio- cultural factors that contribute to the prevalence of typhoid fever: A comparative study of Kisumu and Siaya districts, Kenya.	M.Sc. Thesis – Graduated 2007. With Dr Leonard Kisovi as 2 nd supervisor.
11.	Maruti Edwin (156/CE/14221/2009)	Assessment of Water Availability and Accessibility for Sustainable Livelihoods in Garissa County, Kenya.	M.Sc. Thesis – Successfully defended and due to graduate. With Dr George Makokha as 1 st supervisor.
12.	Mwendo Nicholas Mwongela (C50/CE/2297/2010)	An Assessment of Spatial Patterns of Resource Extraction in Chyulu National Park, Makueni County, Kenya.	M.Sc. Thesis – Submitted and awaiting defence. With Mr. David Osebe as 2 nd supervisor.

13.	Apindi A. Jane (C50/CE/22304/2010)	Influence of Climate Variability on Fish Production in Lake Victoria, Kisumu County, Kenya	M.A. Thesis – Submitted and awaiting defence. With Dr Kennedy Obiero as 2 nd supervisor.
14.	Kipng'eno Wesley Chirchir (C50/CE/22058/2011)	Effects of land use Changes on the Hydrology of Nyando River Basin, Kenya	M.Sc. Thesis – Submitted and awaiting defence. With Dr Christopher Ondieki as 2 nd supervisor.
15.	Pendo Samson (156EA/20380/2010)	Assessment of Rooftop Rainwater Harvesting in Smallscale-farms for Water Management in Muooni Catchment, Machakos County, Kenya	M.Sc. Thesis – Due to submit shortly. With Prof. Joy Obando as 1 st supervisor.
16.	Mulokozi Mwemezi (156/EA/22210/2011)	Effects of Agricultural Management Practices on Water Quality of Kiladeda River in Pangani River Basin, Tanzania	M.Sc. Thesis – 2 nd Year. With Dr George Makokha as 1 st supervisor.
17.	James Mathenge (C50/10100/2007)	Contribution of Community Water Management Systems to Water Security in Ngaciuma-Kinyaritha Catchment, Mount Kenya Region	M.Sc. Thesis – Due to submit shortly. With Prof. Chris Shisanya as 2 nd supervisor.
18.	Owuoche Tobias Molo (156/CR/22697/2011)	Effects of Irrigated Rice Farming at Dominion Farm on Discharge and Water Quality of Yala River, Siaya County, Kenya.	M.Sc. Thesis – 2 nd Year. With Dr Christopher Ondieki as 2 nd supervisor.

11. Patents (if any)

S/No	

12. Administrative positions held to date

- i. Chairman, Departmental Credit Waiver Committee, 2014 to date.
- ii. Chairman, Departmental ISO Committee, 2014 to date.
- iii. Chairman, Departmental International Programmes and Collaboration, 2014 to date.
- iv. Departmental Postgraduate Studies Committee Chairperson, August 2008 to 2012.
- v. Departmental Appraisal and Promotions Committee Member, August 2007 to date.
- vi. Departmental Curriculum Committee Member, July 2007 to date.
- vii. Ag. Senior Assistant Registrar (Admissions), Kenyatta University, May 2006 to January 2007.
- viii. Ag. Senior Assistant Registrar (Academic Audit and Monitoring Unit, including timetabling), Kenyatta University, January 2007 to March 2007.
- ix. Convener and Departmental Linkages Committee Chairman, January 2003 to 2005.
- x. Departmental Postgraduate Studies Committee Member, 2004 to August 2008.

- xi. Coordinator of Departmental Planning, Procurement and Equipment Maintenance Committee, January 2003 to 2005.
- xii. Chairman of the Faculty of Arts Postgraduate Studies Committee, Kenyatta University, November 2000 to April 2002.
- xiii. Chief Coordinator and Academic Advisor of 1st Year Geography undergraduate students, 1999 to 2002, and from 2004 to 2012.
- xiv. Committee member of the Departmental Linkages Board, Geography Department, Kenyatta University, 1999 to 2002.
- xv. Kenyatta University Departmental representative in the World Bank's Scientific Equipment Support Programme for Kenya's Public Universities, 1991-1993.