
CURRICULUM VITAE

Dr. John Kioko Musingi

**Department of Geography, Population and Environmental Studies
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1.0: Bio-data

Name of Staff:- Dr. John Kioko Musingi, PhD

Date of Birth: 1st July 1960

Nationality: Kenyan

Marital Status- Married

2.0: EDUCATIONAL BACKGROUND

Certificate	Description	Year of Award	College/ Institution
Degree	PhD. (Environmental Planning & Management)	4 th Dec, 2009	University of Nairobi
Degree	MSc (Geography -Climatology)	Dec. 1992	University of Nairobi
Degree	BSc (Bot./Zoo, Geog.)	Dec. 1987	University of Nairobi
		2004	National Environment Management Authority (NEMA)
Others	-Kenya Certificate of Advanced Education (A-Level)-2 Principals, 2Sub. (CBG)	1992	Kenya National (School - Kabaa High) Examination Council (KNEC)
	-Kenya Certificate of Education (O-Level)-Division 1 (18 points)	1980	Masinga Sec/Thatha. Sch.

3.0: Teaching Experience

Since 1990 – to date -23 years (experience)

Years since promotion to Senior Lecturer July 2013 is 10 years

3.1: Employment Record

From -To	Country	Position	Employer	Achievements
July, 2013 – to date	Kenya	Senior Lecturer	University of Nairobi	<ol style="list-style-type: none"> 1. Head of Environment Thematic Area 2. Faculty Committee Member Research & Publication 3. Development of MA courses in Environmental Planning & Management 4. External Examiner Department of Faculty of Urban and Regional Planning, Kenyatta University 5. Programme Coordinator, MA Environmental Planning & Management 6. Supervision of PhD & MA students' Projects 7. Teaching and Examination of students for award of Degrees of UoN
February 1995 – July 2013	Kenya	Lecturer	University of Nairobi	
June 1991 to July 1995	Kenya	Tutorial Fellow	University of Nairobi	Assist in Teaching and Examination duties
September 1990 –September 1991		Graduate Assistant		
March 1988- October 1989	Kenya	Hydrologist	Ministry of Water	<ul style="list-style-type: none"> ✓ River Catchment management ✓ Water resources management in Murang'a District

3.2: Lecture Areas

- Climatology -climate change
- Environment and Development
- Monitoring and Evaluation
- Arid and Semi-Arid Lands (ASAL)- Desertification
- Environmental protection
- Environmental management and sustainable development
- Environmental Impact Assessment and Auditing
- Conflicts in resource uses and the environment
- Major Global Environmental Issues

4.0: Professional Registration and Membership of Professional Associations

- National Environment Authority (NEMA): Registered **EIA & EA Lead Expert – Registration No. 037**
- Environmental Institute of Kenya (EIK): **Registration No. 037**
- International Association of Hydrologists IAH – **Reg. No 647**

5.0: Administration/Public Service Experience

- Head of Environment Thematic Area
- Committee Member, Faculty of Arts & Social Sciences Research & Publication Committee
- Programme Coordinator MA Environmental Planning and Management from 2000-todate
- Chairman Board of Management - Ielanthi Secondary School
- Board Member Kithyoko Secondary School
- Chairman Masinga Sub-county Professionals Association

6.0: Publications

6.1: Refereed Journal Articles

Dr. John Kioko Musingi Publication points

S/No	Journal article/Book Chapter	Points
1.	Musingi J.B. Kioko, Mutemi Joseph N. (2024): Chapter 13: Changing Rainfall Onsets In Kenya's Drylands and its implications on Drylands Livelihoods and Ecosystems: In: CLIMATE CHANGE THREATS TO NATIONAL DEVELOPMENT AND POLICY OPTIONS FOR KENYA; Cambridge Scholars Publishing Co. UK , 2024	4
2.	Nyandika, J., Musingi, J.K., and Moronge, J., (2024): Indigenous Maasai Perspectives on Availability of natural resources and Access to community livelihood resources in Masai Mara Wildlife dispersal area, Narok County, Kenya. <i>African Journal of Education, Science and Technology</i> , April, 2024, Vol. 7, No. 4	3
3.	Nyandika, J., Musingi, J.K., and Moronge, J., (2023): Assessing Effects of Land Tenure Systems on Maasai Livelihood in a Wildlife Dispersal Area Narok County, Kenya; <i>International Research Journal of Rongo University (IJORU)</i> 2023, Vol.1, No. 2 , pg. 19-37	3
4.	Nyandika, J., Moronge, J., and Musingi, J.K., (2023): Land use Typology and Livelihood sources in the Maasai Mara wildlife dispersal area, Narok County, Kenya. <i>East Africa Journal of Science, Technology and Innovation (EAJSTI)</i> . Vol.5. Issue1. 14-12 2023	2
5.	Kipkemoi, S., Nyamasyo, G., Musingi J. (2017): Natural Resource Based Conflicts in Tana River: <i>International Journal of Social Sciences and Education</i> , Vol 1. Issue 5, pp 47-55	2
6.	Kipkemoi, S., Nyamasyo, G., Musingi, J., (2017): Factors Influencing Conflicts Between Communities: In the Tana Delta of Tana River County-Kenya: <i>International Organization of Scientific Research: Vol 4, Issue 4, 2018 pg 602-620</i>	2

6	Musingi, J. K., (2013): Who stole the Rain? The Case of Recent Severe Droughts in Kenya: <i>European Scientific Journal</i> Vol.9, No.4 N0.5. Nov. 2013	8
7	Musingi, J. K., (2014): The Impact of Masinga Dam on the prevalence of waterborne diseases in the area: <i>Hekima Journal</i> Vol V No.1. 2014	8
8	Musingi J.B. Kioko, Ayiemba Elias H.O. (2015): Effects of Technological Development on Rural Livelihoods in Developing World: A case Study of Effects of a Large Scale Multipurpose Masinga Dam on Malaria Prevalence in a Rural Community around Kenya's Largest Dam. <i>European Scientific Journal</i> Vol., 8, No. 14(2015), pg. 132-143.	4
Total		36

6.2: Refereed proceedings

1. Pastoral Vulnerability to drought and climate change: The case of Ewaso Nyiro River Basin: Workshop proceedings – Johannesburg 13th June - 2000

6.3: Seminar workshop presentations papers

1. Towards COP 29, Baku Azerbaijan Nov11-24:The East Africa Community Issues Overview Brief To Secretary General Hon ARUSHA – Tanzania, January 22, 2024
2. Lecture on Climate change and its Implications on Security -Kenya Defence University College August 20th 2023
3. Musingi John (2024): Settlements Disaster and the Environment: Developing an Integrated Monitoring and Evaluation Framework For National Council for Population & Development 23 March 2024
4. Musingi John (2023); Natural Disasters for Humanitarian Indicators: Workshop to generate statistics for compendium of humanitarian Indicators for Kenya- 23rd to 26th October 2023, Naivasha, Kenya
5. Dr. John K. Musingi: “Population, Settlements and Environment”: The case of informal settlements in Nairobi: 4th leaders Conference May 26-May 28, 2021
6. Musingi J.B Kioko (2013: Who Stole the Rain? The case of Recent Severe Droughts in Kenya: *European Scientific Journal* Vol. 9 No.5 (2013), Feb 2013
7. Biofuels and human food security: Seminar paper, Developing Sustainable Utilization of Bio-energy opportunities in Eastern Africa Region. East Africa Farmers Federation (EAFF) Conference: 14 -18 March, 2014: Pride Inn Hotel

8. Population, Health & Environment: Seminar presentation at National Council for Population & Development: KIA-3rd May, 2014
9. Reversing the vicious cycle of poverty, environmental degradation: Proceeding in a seminar held on 5th May, 2014, Silver Springs Hotel: Centre for Training and Research in Arid lands Development (CETRAD)
10. Relationship between Optimality, Sustainability, and survivability of environmental Capital: Proceeding in a seminar held on 5th May, 2003, Silver Springs Hotel: Centre for Training and Research in Arid lands Development (CETRAD). North – South Dialogue (SIDA).
11. Sustainable Development, An Historical Perspective- National Intelligence Security Services (NISS) Training School on 25 November 2008- Invited by the Department of History. 28th September, 2008.
12. Population, Settlements and Environment: 4th National Leaders Conference for Population and Development from 26th May – 28th May 2021

7.0: Tertiary Books Authored/ Book Chapters

1. GGBP Green Growth in Practice: Lessons from Country Experiences (June 2014).: **Chapter 9: Monitoring and Evaluation:**John Musingi, Nick Harrison, Kelly Levin, Wanxin Li, Ashley Allen, Anya Boyd, Anthony Dane, Amrikha Singh, John Talberth, Jeremy Webb Christine Woerlen Arepo: Global Green Growth Institute, Seoul, South Korea
2. Project Management: Monitoring & Evaluation- Richmond Publishers (2014) (Main Teaching Reference in M & E course in MA Environmental planning & Management), Nairobi, Kenya (150 pages)

7.1: Secondary School Books Reviewed by KIE and Published by Longman South Africa

1. Explore Geography Textbook: Form I – publishers – Longman Kenya- 2003
2. Explore Geography Book Form I: Teacher’s Guide – publishers – Longman Kenya -2003
3. Explore Geography Learners Book: Form 2 – publishers – Longman Kenya-2004
4. Explore Geography Learners Book: Form 2, Teachers Guide – publishers – Longman Kenya - 2004
5. Explore Geography Learners Form 3 – publishers – Longman Kenya- 2005
6. Explore Geography Teacher’s Guide, Form 3 – publishers – Longman Kenya- 2005

7.3: Teaching Modules

1. SGP/CGP 221: Introduction to Human & Physical Geography (climatology section)
2. SGP/CGP 329: Environment and Development in Africa
3. SGP/CGP 304: Quantitative Techniques for Fieldwork III

7.4: Education Resources: Degree Programmes /Courses developed

1. MA Environmental Planning and Management at Department of Geography & Environmental Studies, University of Nairobi,. This programme which I developed became a flagship programme for our department attracting both National and International students. In some years we had over 100 MA students registered in the programme
2. Developed three courses for MA in Armed Conflicts and Peace Studies for the Department of History University of Nairobi: the courses I developed are:
 - a. Armed conflicts and the Ecosystems
 - b. Refugees and the Environment
 - c. Disaster Early Warning

8.0: Supervision

8.1: PhD Supervision

1. Shadrack Kipkemoi (Reg. No.A82/96068/2014} Natural Resource Based Conflicts: A Case Study Of Tanariver County, Kenya — Prof. Gideon Nyamasyo, Dr. John Musingi – WMI-U.o.N (Graduated 2018)
2. Nyandika Jane: Effects of Competing Land uses and Livelihood Strategies in Maasai Mara Wildlife Dispersal Area, Narok County, Musingi J.K, Moronge J. -(Examination stage- should graduate in 2024)

At data collection stage

1. Glarah Jepkorir Kimutai (Sr): (C80/60105/2022): Evaluating The Implementation Of Encyclical Laudato Si' In Promoting Environmental Conservation And Restoration In Archdiocese Of Nairobi, Kenya
2. Ogega Bosibori. M. (A82/54274/2019) ::An Assessment Of Social Value Orientations As Determinants Of Environmental Behavior Of Riverine Communities, Case Of Nairobi River

Slow progress

1. Okul David O.D: An Assessment Of Biodiversity Condition And Appropriate Monitoring Indicators In The Amboseli Tsavo Landscape- Kenya
2. Magambo Esther Kathure: Impact of Climate Change and Implications on Water Governance in the Athi River Basin (on going):University of Nairobi – Supervisors Dr. J.K. Musingi, Dr. J. Nyangaga (ongoing)

8.2: MA/MSc -Supervision (All have since graduated)

1. Mbiri Josephat (Graduated 2003): Environmental Challenges caused by sourcing of wood fuel in ASALs Environments: The case of Mwingi District
2. Ng'ethe Mathew Hinga (Graduated 2005): Environmental Awareness in Kenya Primary Schools: A case study of Primary Schools in Westlands Division- Nairobi Kenya
3. Mary Wacheke (Graduated 2006): Petroleum Waste Management in Nairobi-Kenya
4. Mwangi. Angeline W., (Graduated 2008), 'A Study on the Status and Challenges of the Environmental Audit Process in Kenya'. (M.A).
5. Kamburu Humphreys (Graduated 2005): Impacts of Irrigation on pastoralism areas in Katilu Location, Turkana District.
6. Nguru. Paul Muiru (Graduated 2008), 'Impacts of Sand Mining on the Environment in Mjanaheri-Ngomeni Areas of Magarini Division, Kenya'.(M.A)
7. Mutua, Julius.Mwanzia., (Graduated 2006), 'Biomass Energy Consumption in Dryland Towns: A case study of Emerging Urban Settlements in Kitui District'. (M.A)
8. Makokha. William E., (Graduated 2006), 'The Influence of Urban Residential Settlements on the Management of Selected Dryland Natural Resources: A Case of Ngong Division, Kajiado District'. (M.A)
9. Ambuchi, David O., (graduated 2007), 'Plastic Waste Management in Kenya: An evaluation of Policies and Regulations on Plastic Bags and Bottles Waste in Nairobi'. (M.A).
10. Odour, Vincent O.,(graduated 2007), 'Assessment of Zea Mays (Maize) Yield Changes in Relation to Weather Variability in Trans Nzoia District, Western Kenya'.(M.A)
11. Gichuki, Geoffrey R., (graduated 2009), 'Environmental Problems and Human Health in Urban Informal Settlements: A Case Study of Mukuru Kwa Njenga, Nairobi'.(M.A)
12. Maina, Anne W., (Graduated 2009), 'Community Involvement in Domestic Solid Waste Management: A Case Study on Kayole Environmental Management Association'.(M.A)
13. MIDEVA JOY (Registration No: C50/P/7743/05): An Assessment Of Environmental Management In The Export Processing Zones, Kenya, A Case Study Of Some Selected Enterprises (Graduated 2009)
14. Kinuthia, Peter K., (2005), 'Urban Solid Waste Management System Using Geographic Information Systems (GIS): A Case Study of Kayole-Soweto, Nairobi.(M.A) (Graduated 2010)
15. Rupinder S. Kaur, (2009): Waste Management in Nairobi Jua Kali Industry: A case study of Kamukunji Jua kali Sector (Graduated 2011).

16. Lembare Lucas Saiyana (Graduated 2010): The Impacts of Human Settlements on Dry lands Environment: A case study of Lorroki Plateau in Samburu District- Kenya.
17. Muia George Mwongela (Graduated 2013): Environmental Audit of Petroleum filling Stations: A case study of Petroleum Filling Stations owned by National Oil Corporation- Kenya
18. Mule John G. (Graduated 2013): Socio-Economic Impacts of Land Subdivision in Kenya's Dry Lands: A case study of Kimana/Tikodo Group Ranch in Loitokitok District-Kenya
19. Thiong'o Margaret Kabura (Graduated 2012): Forest Soil as Sink or Source of Green House Gases: A case study of species effects on Nitrous oxide and Methane Fluxes in Karura Forest, Kenya.
20. Otenyo Godfrey Makuyu (2011): Compliance of waste Transporters to EMCA (Waste Management Regulation, 2006) in the City of Nairobi.
21. Kanyiri Benard, (2011): Degradation of the Commons due to Market Forces in Ngong Division – Kenya
22. Nzomo Mulatya (2012): Factors affecting the use of improved sources of water in Kenya
23. Muthui Thomas Wambugu (2012): An Assessment of the Level of Awareness/ Knowledge and Practices of Environmental Management in Schools in Kenya: A case Study of Public Secondary Schools in Nairobi County (graduated 2015).
24. Munene Anne Nyaruai Potential Of Agroforestry As An Adaptation Strategy To The Impacts Of Climate Change: A Case Study Of Agroforestry Strategies In Kiine Community- Kirinyaga County –Graduated 2015
25. Kibet Sheila Jepkoech (C50/29824/2019): Analysis of forest cover trends and its relationship with landslides: The case of Marakwet East Escarpment, Kenya-graduated 2020
26. Kibii, Caroline Jepchumba (C50/5264/2017): Socioeconomic And Environmental Effects Of Stone Quarrying In Tuluongoi Sub Location, Tenges Division, Baringo County –Graduated 2020
27. Nthuni Justin Murithi (C50/82390/2015): Climate Variability And Adaptation Strategies On Maize Yield In Meru South Sub-County Of Kenya – Graduated December 2017
28. James Thiaine (C50/71559/2008): An Assessment Of Effluent Management Systems Motor Vehicle Garages In Nairobi (graduated (2015)
29. Tabitha Njambi Runyora (C50/71849/08): Waste Management Practices In The Fruit Value Chain Development: The Case Of Mango Fruit In Lower Eastern And Nairobi Counties In Kenya (Graduated 2016)
30. Mbogo Jane Nyaboke (C50/79973/2012): An Assessment Of The Contribution Of Clean Development Mechanism Projects To Sustainable Development In Kenya: A Case Study Of The Olkaria Geothermal Project (Graduated UoN-2014)

31. Dekontee O. Saytarkon (REG NUMBER: C50/69115/2013): Investigation Of Environmental And Social Impacts Of A Large Scale Dam: The Case Of Impacts Of Ndakaini Dam On Community, Murang'a County – Kenya (Graduated UoN-2015)
32. Ogega Bosibori Maureen (C50/70126/2011): Factors Influencing The Development Of Bamboo Value Chain In Kenya: A Case Study Of Nairobi County (Graduated UoN-2014)
33. Okul David Onduru Danda C50/63981/2011): An Assessment Of Woody Vegetation Structure In Maasai Mara Conservancies Of Narok County, Kenya (Graduated UoN 2014)
34. Gichunge Naomi Kinanu (C50/68324/2011): Assessment Of Biomedical Waste Management In Health Facilities In Kiambu County, Kenya (Graduated 2017)
35. Geoffrey Kipngeno Bett (C50/77056/2015):An Assessment Of The Effects Of Climate Variability On Tea Production In Kericho County: A Case Study Of James Finlay'S (Kenya) Limited Tea Estates, Kericho, Kenya (Graduated 2018)
36. Magdalene Muthio Kikuvi (C50/5230/2017):Impacts Of Drought On Household Livelihoods In Ngomeni Ward, Mwingi North Sub County, Kitui County (Graduated UON 2021)
37. Denis Mwangi (C50/78205/2015):An Assessment Of The Relationship Between Fine Particulate Matter (Pm2.5) And Respiratory Diseases: A Case Study Of Selected Sites In Nairobi County (Graduated 2022)

9.0: Professional Work-

1. External Examiner Faculty of Urban and Regional Development Kenyatta University
2. Examiner Faculty of Earth and climate change Sciences - University of Nairobi

10: Community Service

1. Chairman - Board of Management (BOM)- Ielanthi Secondary School
2. Member - Board of Management (BOM) - Kithyoko Secondary School

10.1: Service-/Media Campaign on Environmental Protection

1. TV-KTN- The Big Story- The Divisive Lamu Coal Plant (Part 1 & 2)-
<https://www.standardmedia.co.ke/ktnnews/video/2000156426-the-big-story-the-divisive-lamu-coal-plant-part-1>)
2. Lamu Coaled Case 2017/07/30 –<https://youtu.be/1K8eyWbCq-s>
3. Jukwaa la KTN- The SGR Environmental Issue over Nairobi National Park
<https://youtu.be/1K8eyWbCq-s>
4. KTN Breakfast – The Nairobi National Park SGR Problem
5. Top Scientist Sounds Alarm over Athi River pollution to downstream users-
<https://www.asternnews.co.ke?p=709>
6. The COVID-19 Project –Masinga Professionals Association (MPA)– I was the Chairman of MPA donated hand washing containers and detergents in every medical facility in Masinga Sub-county
7. The campaign against mass slaughter of donkeys in Kenya

11.0: Computer proficiency

Proficiency in following computer programmes:-

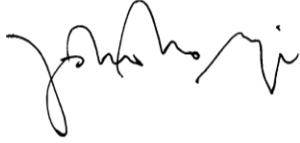
MS-word, MS Dos, Excel, Power point and SPSS

12: REFEREES

1. Prof. Evaristus Irandu
Department of Geography & Environmental Studies,
University of Nairobi
emirandu@uonbi.ac.ke
Tel +254-020-318262
Mobile: 0716297142
2. Prof. John Muthama
Department of Meteorology,
Email: jmuthama@uonbi.ac.ke
Mobile:0733865392
3. Prof, Joseph Mutemi
Department of Meteorogy
mnzau@uonbi.ac.ke
Mobile 0722890176

12.0: Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

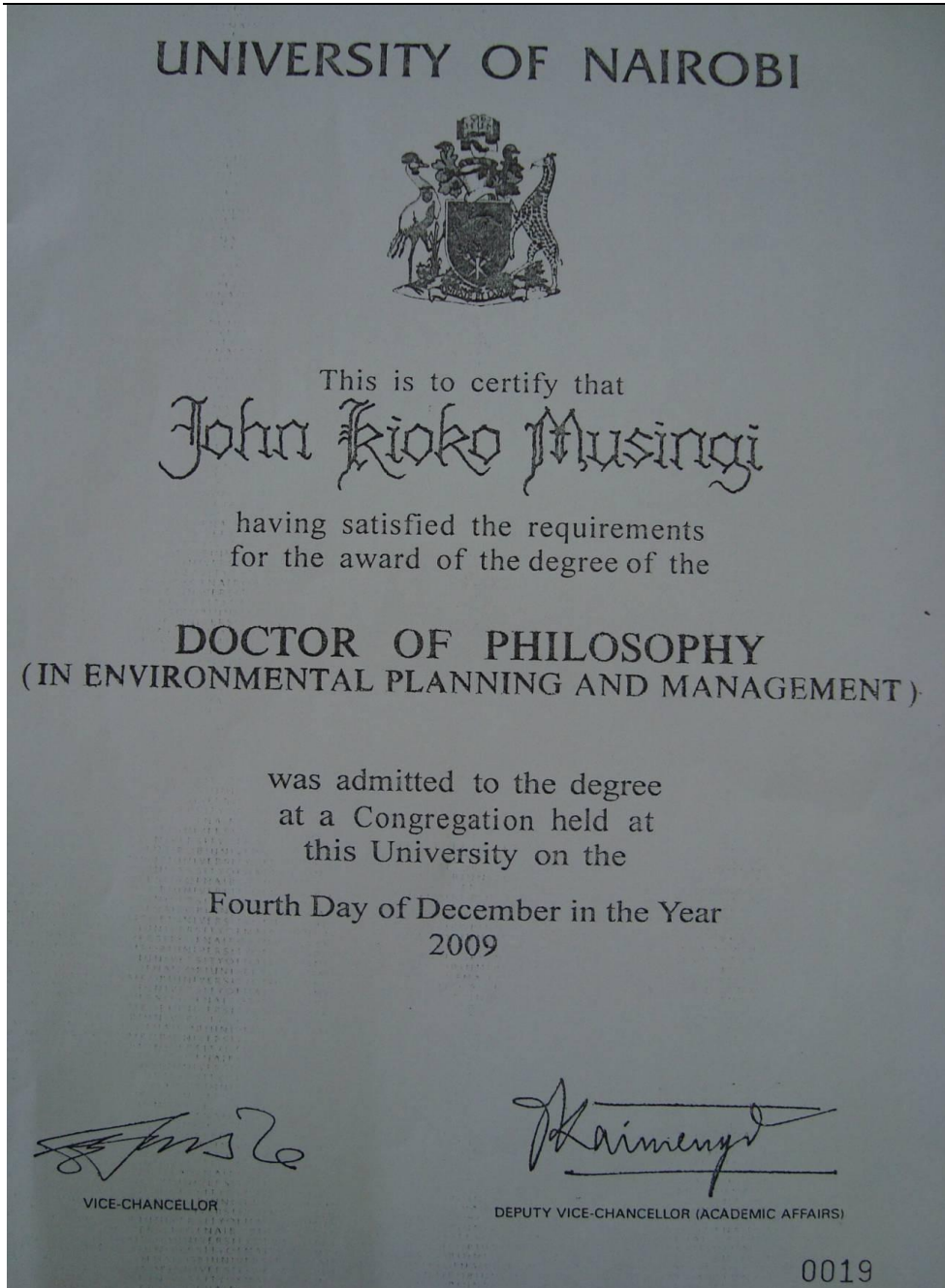


[Signature of staff member] 12th August 2024

Day/Month/Year

Annexes


PhD Certificate



Professional Registration to professional Bodies

FORM 5 (r. 14(4))

Application Reference No. 92
Registration No. 0037
FOR OFFICIAL USE



THE ENVIRONMENTAL MANAGEMENT AND COORDINATION ACT
CERTIFICATE OF REGISTRATION AS AN ENVIRONMENTAL IMPACT
ASSESSMENT/AUDIT EXPERT

This is to certify Ms. Mr. JOHN KIOKO MUSINGI
of C/O DEPT. OF GEOGRAPHY UON, P.O. BOX 30196 NAIROBI (Address)
has been registered as an Environmental Impact Assessment Expert in accordance with the provisions
of the Environment Management and Coordination Act and is authorized to practice in the capacity of
a Lead Expert/Associate Expert/Firm of Experts (Type) LEAD EXPERT

Dated this 10TH day FEBRUARY of 2004.....

Signature *Reuben Kichia*

(Seal)

Director General
The National Environmental Management Authority

