

CURRICULUM VITAE

1.0 PERSONAL INFORMATION

NAME: Nelson Timothy Muthiani

ADDRESS: Kenyatta University

2.0 QUALIFICATIONS

2.1 Academic Qualifications

- 2012 PhD in Environmental Education, Kenyatta University
- 1987 Med (Environmental Science), Kenyatta University, Kenya
- 1980 Bed (Science), University of Nairobi, Kenya

2.2 Professional Courses

- 2013 Completed a course in Environmental Impact Assessment and Auditing at Kenya National Cleaner Production Centre.
- 2013: Completed a course in teaching Methodology at Kenyatta University, Kenya.

3.0 EMPLOYMENT HISTORY

- 1989 to date: Lecturer, Department of Environmental Education, Kenyatta University
- 1987-1989: Tutorial Fellow, Foundations, Kenyatta University
- 1980-1985: Tutor, Mosoriot Teachers' College, Kenya

4.0 ADMINISTRATIVE RESPONSIBILITY (AT KU)

4.1 At Kenyatta University

1. 2012 to date: Appointed examinations coordinator, Department of Environmental Education

5.0 FELLOWSHIPS

None

6.0 POST GRADUATE SUPERVISION

6.1 PhD Supervision

6.1.1 Completed

1. 2019: Peter Ooko Ouma N85/24348/2013: Agricultural Extension Service Providers' Attitude towards Use of Agrochemicals for attainment of Sustainable Agriculture in Migori County, Kenya

6.1.2 ONGOING

6.2 Masters Supervision

6.2.1 COMPLETED

1. 1995: Peter Gitau Ndug'u Reg. No-----: Wood Fuel and Tree Regeneration Among the Small Scale Farmers in Makuyu Division, Murang'a District
2. 2015: John Njogu Mbuthi N50/CTY/PT/24885/2011: Cooking and House Heating energy Saving Strategies of the Umoja Village Households of Nakuru County, Kenya
3. 2017: Kepher Ochieng Ounda N50/CTY/PT/24889/2011: Climate Change Reporting Through the Kenyan Newspapers in The Period January to December 2014
4. 2016: Charles Ndiritu Kariuki N50/CTY/PT/22823/2012: Role of Curriculum in Creating Climate Change Awareness in Secondary Schools in Githunguri, Kiambu County, Kenya
5. 2023: Isaac Bosire Gwaro N50/CTY/PT/32804/2015: Small Scale Farmers' Adaptation to Climate Variability in Manga, Nyamira County, Kenya

6.2.2 ONGOING

1. Paul Njeru Njagi N50/CE/21359/2012: Impacts of Human Population and settlement on land degradation in Runyenjes Sub-County, Embu County

2. Kennedy Moss Cheptum N50/CTY/PT/33288/2014 Water Scarcity Adaptation Strategies Under Climate Variability in Mathare, Kasarani and Westlands Sub-Counties in Nairobi City County
3. Misango Willington N50/22621/2012 Adaptation to Floods in a Changing Climate: A Case of Likoni, Mombasa County, Kenya
4. Wahome G. John N50/CE/27010 /2011: Impacts of Temperature and Rainfall variability on the flower industry in Timau, Meru County, Kenya
5. Sharamo Umuro Elema N50/CE/23091 /2010: An Assessment of Adaptation Strategies of to Water and Pasture Scarcity Among the of Turbi Sub-County, Marsabit County
6. Penina Ajjambo Okwera N50/CE/28741/2013: Impacts of Drought on The Learning Process of Primary School Pupils in Narok North Sub-County, Kenya
7. Muoti Mwangangi N50/CE/24647/2012: Economic Viability of Greenhouse Technology: A Case of Kibwezi East Sub-County, Makeni County, Kenya

7.0 CONFERENCES/SEMINARS/WORKSHOPS

7.1 Participation in Workshop/Conferences

1. Attended a conference on Animal Welfare Education June 2014, KU,
2. Attended Regional Centre of Expertise Global Conference 2014, UNEP Nairobi
3. Attended Staff Mentors' Seminar at Kenyatta University, 9th.September 2014

7.2 Presentation of papers at Academic and professional Conferences

None

7.3 Convening and Coordinating Conferences

- Convened and Coordinated Conference on Animal Welfare Education June 2014, at Kenyatta University,

8.0 RESEARCH AND PUBLICATIONS

8.1 Articles in refereed journals

1. Kariuki, Charles Ndiritu, Muthui. Koki, Dr. Daniel G. Mang'uriu, **Dr. Nelson T. Muthiani**, (2016). Status of Climate Change Content in Kenya's Selected Secondary School Subjects. *IOSR Journal of Research and Method in Education (IOSR-JRME)*
e-SSN: 2320-7388p-ISSN:2320-737X Volume 6, Issue 2 Ver. 1 (March-April 2016), PP 37-42
www.iosrjournals.org

8.2 Articles in Conference Proceedings

None

8.3 Books

None

8.4 Book Chapters

- Nelson T. Muthiani, Industrial Pollution and its effects on the Environment. In *An Introduction to Environmental Education*, Edited by J.E Otiende, W.P Ezaza and R. Boisvert, Nairobi University Press, 1991, ISBN No. 9966-8-46-131
- Nelson T. Muthiani, Ethics and Conservation, In *Environment and Sustainable Development*, Edited by Fuchaka Waswa, Samuel Otor, Godfrey Olukoye and Daniel Mugendi, Downtown Printing Works, Nairobi.

9.0 NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATIONS

- Member of Environment Institute of Kenya (EIK)
- Heinrich Böll Stiftung East & Horn of Africa (Focuses on Environmental & Sustainability issues)

10.0 INTERNAL AND EXTERNAL GRANTS

None

11.0 LOCAL, REGIONAL AND INTERNATIONAL APPOINTMENTS

11.1 External Examiner in other universities

None

11.2 Review of Professional Periodicals

None

11.3 Being invited to a conference as a Guest Speaker

None

11.4 Appointment to Boards

- October 2005 to date Appointed by the Minister of Education to Board of Management, Muumandu Secondary School for three years and the appointment regularly renewed to date

12.0 AWARDS/RECOGNITION

None

13.0 COMMUNITY OUTREACH

- Gives motivational presentations on work ethic and time management to youth in Christian camps and prize giving gatherings.
- 1993- date Worked with youth/peasant farmers (25-40Yrs) to construct over 20 pan dams for harvesting and conserving rain water to enhance food security & tree planting.
- As Chairman, Mumandu Soil &Water Conservation CBO facilitated the planting & growing over 300,000 trees between January 1993 and December 2015 at Mumandu Sub-Location, Machakos County

- Trustee, Mukacofa Community Forest Association (MUKACOFA)

Developed a proposal on ‘Enhancing Climate Change Resilience by Harvesting Rain Water in Water Courses through Construction of Sand Dams in Kalama Sub-County, Machakos County, Kenya.’

14.0 ACADEMIC LEADERSHIP

14.1 Development of teaching/academic programmes in department/school/university

- 1990-1991 Member of Professor Darkoh's Committee on the development of courses in the new Faculty of Environmental Studies, specifically courses in the Department of Environmental Foundations for Bachelor of Environmental Studies programme in Kenyatta University. Professor Darkoh's Committee pioneered Environmental Studies in Kenyatta University. The new curriculum was implemented September 1993.
- 2003/2004) Participated in the curriculum review and creation of the Department of Environmental Education, including the Masters' Programme
- 2014 Participated in the development of new courses in Animal Welfare Education. The new courses were implemented September 2014

14.2. Developing programmes External to Kenyatta University

October 2015 Participated in writing Environmental Studies courses for Kenyatta Campus in Kigali, Ruanda

14.3. Initiating/Leading a research project

None

15.0 OTHERS

15.2

- 2014- Initiated and co- developed a proposal on Resource Efficient and Cleaner Production for Kenyatta University

15.3

- 2014-Member of Environment Institute of Kenya EIK

16.0 REFEREES

Prof. Michael Korir-Koech

Department of Environmental Science

Kenyatta University

Prof. J. B. Kung'u

Department of Environmental Sciences

Kenyatta University

Prof. Donald Kisilu Kombo

Department of Educational Foundations

Kenyatta University