

CURRICULUM VITAE

Prof Edward M. Neyole (DPhil)

I. PERSONAL DETAILS

NAME: EDWARD MASINDE NEYOLE
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SUMMARY QUALIFICATIONS

- **Presently:** - *Associate Professor (Environmental Health)*, Department of Disaster Preparedness & Engineering Management, School of Disaster Management & Humanitarian Assistance, MMUST, Kakamega.
- **Degrees:** - DPhil in Environmental studies (Environmental Health) - Moi University, Kenya; MSc Environmental Resources (University of Salford, UK); BSc in Forestry, and a Graduate Certificate in EIA (Moi University).
- **Main areas of interest:** -Environmental health and sanitation; Climate change impacts, Resource Management; Environmental Impact Assessment; Waste management, Pollution management, and environmental health aspects in disaster management
- Also an experienced consultant in project Evaluation & EIA

2. EDUCATION/ACADEMIC QUALIFICATIONS

1999–2005:	Moi University, Kenya	Doctor of Philosophy in Environmental Studies (Environmental Health)
1996- 1998:	University of Salford, UK	Master of Science, Environmental Resources
1990-1994:	Moi University, Kenya:	Bachelor of Science, Forestry
1988-1989:	Nkubu High School, Meru	'A'-levels (KACE)
1984-1987	Friends School Kamusinga	'O'-Level (KCE)
1976 - 1983	Lugulu Boarding Primary Sch.	Certificate of Primary Education (CPE)

3. OTHER PROFESSIONAL TRAININGS

July 2000:	Moi University	Certificate in Environmental Impact Assessment
July 2005:	PSDP/GTZ/Moi University	Certificate in Biogas Construction and Management

4. WORK EXPERIENCE

Aug 2021 -Present *Associate Professor:* School of Disaster Management & Humanitarian Assistance (SDMHA), Masinde Muliro University of Sc. & Technology, Dept. of Disaster Preparedness & Engineering Management

- Jan 2011 -July 2021** *Senior Lecturer:* School of Disaster Management & Humanitarian Assistance (SDMHA), Masinde Muliro University of Sc. & Technology, Dept. of Disaster Preparedness & Engineering Management
- Jan 2006- Jan 2011** *Lecturer:* CDMHA, Masinde Muliro University of Sc. & Technology
Dept. of Disaster Preparedness & Engineering Management
- May 2005 –Jan 2006:** *Assistant Lecturer,* Centre for Disaster Management & Humanitarian Assistance, Western University College of Science and technology, Kakamega
- Dec 2003 - 2005:** Director & Consultant, *Environmental Resource Centre (Africa)*, Eldoret, Consultancy Firm in professional services including environmental information & research, EIA and auditing, occupational health/safety training, ISO 14000, environmental sanitation, cleaner production and waste management

5. RESPONSIBILITIES/APPOINTMENTS

- 2014 –current: Chair, Departmental Graduate Studies Committee, DPEM
- April 2014: Chair, short-listing committee for non-teaching staff (Health, catering, Technicians)
- Jan 2012- Jan 2015: Convener/Team Leader: MMUST-Karlsruhe (Germany)- Makerere University linkage on GIS streamlining
- July 2010 – Aug 2014: Chairperson & Senate member, Dept. of Disaster Preparedness & Engineering Management, Centre for Disaster Management (CDMHA), MMUST
- 2009 – 2013: Board Member, Science & Technology Park, MMUST
- 2006 – 2008: CDMHA Faculty Board representative, Academic Board/Senate
- Teaching responsibilities: - Courses include: Principles of conservation, Fire safety Technology; Principles of environmental technology; Environmental Health & Sanitation; Environmental Impact Assessment; Introduction to Environmental Science; Industrial wastewater management; Environmental vulnerability to hazards and disasters; etc

6. ACCOMPLISHMENTS AS COD DPEM (2010 -2014)

- Initiated and attracted funding for expansion and equipping of GIS Laboratory
- Oversaw the development of new graduate programme – Master of Sc. in Climate Change
- Successfully steered review of courses and curriculum as per cue requirements

7. RESEARCH WORKS

- 2018 -current:** Community WaSH studies: -*E. Coli* studies- Drinking water contamination and health outcomes in Kenyan communities (Rift Valley and Coastal regions)
- 2014-2015** Victoria Project- Water quality characteristics and pollution management on the Kenyan Side of Lake Victoria
- April 2011 - Feb 2012** Lake Victoria Basin Commission: The Development of a New Water Release and Abstraction Policy for the Lake Victoria Basin (in association with Makerere Univ, UDM, & Water Resource associates UK).
- July -Aug 2010** Lake Victoria Basin Commission – Research on climate change adaptation and disaster management strategy for the Mt Elgon ecosystem
- April '09-May 2010** Vulnerability and hazard mapping for disaster mitigation in western parts of Kenya (University Research Funded)

2005- 2007:	Environmental effects of brick-making activities in the Lake Victoria Basin
Nov 2004	Risk factors for outbreaks of Leptosirosis within learning institutions in western Kenya
Oct—Dec. 1997:	The Perception and level of adoption of Environmental Management Systems (EMS) in small and medium scale enterprises (SMEs): A case study in Greater Manchester, UK.
April-May 1997:	Energy efficiency studies in small-scale and medium-size enterprises (SMEs) within Greater Manchester area, UK.

8. FUNDS ATTRACTION & OUTSTANDING CONTRIBUTIONS TO UNIVERSITY (MMUST)

1. Kenyan Team leader, “Victoria” Project, 2013/ 2014: - Total consortium award: £18,635 for proposal writing from The Royal Society-DFID Capacity Building Initiative-Network Grants (UK) to develop proposal for funding upto Kshs 40million per institution. (final proposal not funded). Consortium was btn MMUST, Makerere University, Univ. Of Dar-es-Salaam & Centre for Ecology & Hydrology-DFID, UK
2. Kenyan Team Leader, LVBC- New Water Release & Abstraction Policy Development (LVBC-NWRAP Project Consortium: 2010 – 2012: Funded by the Lake Victoria Basin Commision (LVBC) for E. Africa, The Consortium was between MMUST-Makerere-Dar es Salaam-CEH(UK) **US\$ 40,000**
3. Kenyan Team Leader: UNIVGSKOOP- Project Consortium: 2012-2015 – on “*Streamlining GIS Teaching While Emphasizing a regional focus*” (Consortium between MMUST-Makerere-Karlsruhe) Total project funding :- **~€80,000 (Euros)**

9. INNOVATIONS & IMPORTANT COLLABORATIVE RESEARCH OUTPUTS

- **LVRP Policy Model:** A key Innovative output from the LVBC-WRAP (Water Abstraction & Release Policy), a collaborative study between MMUST, University of Dar-es Salaam, Makerere University and Centre foe Ecology (UK): A Multi-Zone Policy model that informs policy outcome expressed in terms of the probability of extreme lake level or lake level range, or in terms of mean outflows and sluice flows, or in terms of any other selected variable.
- Harmonised teaching materials for courses in geographic information science (GIS) between MMUST and Makerere Universities, developed under the UNIVGSKOOP project. Course materials facilitates regional uniformity in teaching of GIS and inter-university credit transfer.

10. GRADUATE THESIS SUPERVISION

PhD Theses successfully supervised

- 1) Bioaccumulation of Selected Heavy Metals in Fish in Relation to Water and Sediment levels in Sosiani River, Kenya. **Ogara Rose Shieunda** (CDP/H/04/012). – **2019. PhD in Disaster Preparedness & Engineering Management**
- 2) Socio-economic conditions influencing the nutritional status of orphaned and non-orphaned children in Kakamega County, Kenya - **Mary Muteti Muema**, PhD EMS, **2018**
- 3) Resilience of the livelihoods of elderly caregivers to AIDS orphaned children- **Betty Mutere**, **2017** - PhD Disaster Mgt & Humanitarian Assistance **2016**
- 4) Influence of Socio-Economic Factors on Vulnerability of Households to Flood Risk in Lower Nyando Basin, Kenya - By **Alice Masese** (CDM/H/25/10)- PhD Disaster Mgt & Humanitarian Assistance, **2016**

- 5) Health, Safety and Disaster Risk Reduction In Horticulture Research Institutions, Kenya - **Florence Wakiuru Muchiri**, *PhD Emergency Management & Humanitarian Assistance* 2012 - **2016**
- 6) Influence of HIV & AIDS Intervention Programmes on Behaviour Change Among People Living with HIV in Kisii County, Kenya. **Wamalwa Simiyu Emmanuel** (CDS/H/210/12). *PhD, Disaster Management & Sustainable Development*. – **2016**
- 7) Application of Dynamic Risk Model for Prediction of Rift Valley Fever Outbreaks Based on Climatic Data in Kenya. **David Gikungu**. *PhD, Disaster Management & Sustainable Development*. - Graduated 2015
- 8) The influence of emergency Preparedness on Response Strategies at General Aviation Airports in Kenya. By **Duncan Onyango Ochieng'** *PhD Emergency Management & Humanitarian Assistance*, Graduated 2015
- 9) Vulnerability of fishing community to Natural and Technological Hazards on L. Victoria, Kenya, **Joy Amore**, **2008 -2015**. *PhD Disaster Mgt & Humanitarian Assistance*
- 10) Effect of climate change on education access and the associated disaster risk reduction strategies among secondary schools in Busia County, Kenya. **Amos Ngira, Anthony** **2009 - 2015**. *PhD, Disaster Management & Sustainable Development*.
- 11) Staff Knowledge and Involvement in Relation to Disaster Preparedness among Health workers in Nairobi County, Kenya **Dominic Charles Okero** **2011- 2015**. *PhD Emergency Management & Humanitarian Assistance*
- 12) Impact of irrigation projects on nutrition security pre-school children in Turkana County, Kenya- **Jane Situma**, **PhD thesis, 2008 -2013**. *PhD Emergency Management & Humanitarian Assistance*

MSc Theses

Successfully supervised

1. **Catherine Mugai 2021**: Influence of Rice Husk Ash on Sub-Grade Bearing Strength in Stabilization of Expansive Soils for Low Volume Roads in Kenya - MSc
2. Environmental pollutants and their effect on the socio-economic wellbeing of households in Mukuru informal settlement of Nairobi county, Kenya - **Lucas E. Esekon, 2019**
3. Evaluation of DRR measures against landslides in Nandi Escarpment, Western Kenya, **Emanuel Situma Wanyonyi, 2015**. *MSc Disaster Mgt & Sustainable Development*.
4. Preparedness of Health facilities against Cholera outbreaks in Bungoma county, Kenya. **Josiah Nyakwara Onsare, 2013**
5. Trace metals and biological micro-contaminants in fish occurring in wastewater treatment ponds in Kisumu Municipality, Kenya. **Joseph Nyaundi, 2012**
6. Pollution loading of R. Nzioa from Mumias sugar factory, **Akali Moses, 2010**
7. The effect of HIV/AIDS on work performance and service delivery in the Kenya police. **Duncan Ochieng' 2010**
8. Influence of illicit brews on the socio-economic status of households in Bungoma East District, Kenya. **Ruth Simiyu, 2010**
9. Nutritional Status in Children under five years among the Locally Displaced Persons in Trans Nzoia District, Kenya - **P. A. Otuya - 2007**
10. The vulnerability of widows to cultural practices in the spread of HIV/AIDS in Butere-Mumias District, Kenya– **A. S. Andayi – 2007/08**
11. Challenges of Poverty Reduction in Nzioa Sugar Belt: The Case of Webuye and Nalondo Divisions, Bungoma District, Western Province, Kenya - **Morike Lilian ('09)**

12. Socio-cultural challenges affecting the vulnerability of women to HIV and AIDS in Homabay District, Kenya – **Akayo Joyce ('09)**

11. SELECTED PUBLICATIONS:

11.1: Publications in Refereed Journals

- 1) C. Mugai; B Sabuni & E. **Neyole** (2020): Influence of rice husk ash on subgrade bearing strength in stabilization of expansive soils for low volume roads in Kenya. *IISTE-Journal of Civil and Environmental Research*. Vol.12, No.11, 2020 ISSN 2225-0514 (<https://doi.org/10.7176/CER>).
- 2) **E. M. Neyole** (2020). Household Drinking water contamination by Escherichia Coli and prevalence of diarrhoea in children under five years in Baringo County, Kenya. *International Journal of Sciences: Basic and Applied Research*. (2020) Volume 54, No 1, pp 110-117. ISSN 2307-4531
- 3) Jane N. Situma, Jacob W. Wakhungu, **Edward M. Neyole** (2019). Nutritional Security of Pre-school Children from Irrigators and Non-irrigators Households in Turkana County, Kenya. *International Journal of Sciences: Basic and Applied Research (IJSBAR)*. Volume 47, No 1, pp 179-188. ISSN 2307-4531
- 4) Ogara Rose Shieunda, **Edward Neyole**, Stanley Omuterema, Francis Orata (2019). Analysis of Spatial and Temporal Levels of Heavy Metals in Water, Sediments and Fish in Sosiani River . *International Journal of Environmental Bioremediation & Biodegradation*, 2019, Vol. 7, No. 1, 20-40
- 5) Ogara Rose Shieunda, **Edward Neyole**, Stanley Omuterema, Francis Orata 2019: Assessment of Key Point Sources of Heavy Metals (Lead, Cadmium and Chromium): A Case of River Sosiani. *Applied Ecology and Environmental Sciences*, 2019, Vol. 7, No. 4, 128-134
- 6) Ogara Rose Shieunda,, **Edward Neyole**, Stanley Omuterema, Francis Orata, 2019: Assessment of Public Health Risks of Heavy Metals Pollution in River Sosiani Catchment. *American Journal of Environmental Protection*, 2019, Vol. 7, No. 2, 41-51
- 7) Situma, J. N; Wakhungu J, **Neyole E. M** 2019: Small-Scale Irrigation Farming Interventions in Turkana County, Kenya. *International Journal of innovative Research*, ISSN 2278 – 0211 Vol 8 Issue 6
- 8) Lucas E. Esekon, Ferdinard Nabiswa, **Edward Neyole 2019**: Effects of the Environmental Pollutants on the Socio-economic Wellbeing of Households of Nairobi County, Kenya *International Journal of innovative Research*, ISSN 2278 – 0211. Vol 8 Issue 10
- 9) Muema M. M, **Neyole E**, Simiyu R **2018**: Assessing the Nutritional Status of Orphaned and Non- Orphaned Children Aged 6-59 Months in Kakamega County, Kenya. *International Journal of Scientific Research and Management (IJSRM) -Volume 6, Issue10*. ISSN (e): 2321-3418
- 10) Opilo B. N; **Neyole E. M**, and Kiluva V. M, 2018: Examining the Geographical Coverage of Floods Using Satellite Images and Discharge In LNRB. *International Journal of Scientific and Research Publications*, Volume 8, Issue 10. ISSN 2250-3153
- 11) Alice Masese, **Edward Neyole**, Nicholas Ombachi (2016). Loss and Damage from Flooding In Lower Nyando Basin, Kisumu County, Kenya, *International Journal of Social Science and Humanities Research* Vol. 4, Issue 3, pp: (9-22). ISSN 2348-3164 (online)
- 12) David Gikungu, Jacob Wakhungu, Donald Siamba, **Edward Neyole**, Richard Muita, Bernard Bett (2016). Dynamic risk model for Rift Valley fever outbreaks in Kenya based on climate and disease outbreak data. *Geospatial Health*. 2016; volume 11:377. ISSN: 1970-7096 (Online)
- 13) Gesare Masese Alice, **Neyole Edward** & Nicholas, Ombachi. (2016). Household's Adaptation Mechanisms to Flood Risk: A Case of Lower Nyando Basin, Kisumu County, Kenya. *International Journal of Thesis Projects and Dissertations (IJTPD)*. Volume 4. pp: (291-302). ISSN 2348-3164 (online)

- 14) Wamalwa Emmanuel, **Neyole Edward**, Poipoi Moses, Ringera William, Otomu Geoffrey, Bitok Monicah, and Mbaluka Rosemary (2015). Condom Use Determinants and Practices Among People Living with HIV in Kisii County, Kenya. *Open AIDS J.* 2015; 9: 104–111. Published online 2015 Nov 13
- 15) Emmanuel Wamalwa, **Edward Neyole**, Moses Poipoi, Monicah Bitok (2015). Knowledge Levels and Gaps on Preventing HIV Transmission among People Living With HIV in Kisii County, Western Kenya. *Journal of Human and Social Science Research*; Vol. 07 (02), 2015, 030-041. ISSN 2331-4974 submitted juky 2015, Accepted September 2015
- 16) Muchiri Florence W, Stanley Oluchiri O, **Edward Masinde Neyole**, Onyisi Jack A (2015). Health And Safety Programs Conformity With The Set Standards Measures In Disaster Risk Reduction Strategy In Selected Kenya’s Horticultural Research Institutions. *Researchjournali’s Journal of Public Health*. Vol. 1 | No. 11 December | 2015
- 17) Sawe J and **Neyole E. M. (2013)**. Petroleum Waste Management Practises and their Potential Impact on Environment and Human Health in Kenya. *International Journal for Disaster Management and Risk Reduction* ISSN: 1992-2744
- 18) Akali N. Moses; Nyongesa N. Destaings; **Neyole E.Masinde**; and, Miima, J. B (2011). Effluent Discharge by Mumias Sugar Company in Kenya: An Investigation of the Pollution of River Nzoia; Kenya pp. 1-30; *Sacha Journal of Environmental Studies (SJES)*
- 19) Otuya P.A, Wangila B.C, and **Neyole E.M.** (2011). Household Characteristics influencing nutritional improvement of children during and after conflicts in Trans-Nzoia District, Kenya. *International Journal for Disaster Management & Risk Reduction (IJDMRR)* Vol. 3 Issue 2. ISSN: 1992-2744 page 1 -7.
- 20) Morike, L, S S. China **E. Neyole** (2011). Poverty levels in Nzoia sugar belt: case study of Webuye and Nalondo divisions, Bungoma district, Kenya. *Special Edition of the International Journal for Disaster Management & Risk Reduction (IJDMRR)* ISSN: 1992-2744 pages 88-107
- 21) Andayi. S. A., Okoth P. G and **Neyole E. M** (2011). Widows in relation to HIV & AIDS infections in Butere-Mumias District: Socio-cultural Challenges. *International Journal for Disaster Management & Risk Reduction (IJDMRR)* Vol 3. No 2. ISSN: 1992-2744; Pages 34-42
- 22) Simiyu, R. N., **Neyole, E. M.** & Mutsotso, S. N. (2011): Challenges of improving Socio-economic Profiles in Kenya: Implications for meeting the vision 2030. *Journal of the KIM School of Management*. Pg 49-60. ISSN 2074-4730
- 23) Simiyu R. N, Mutsotso, S. N. and **Neyole, E.M.** (2010). Disease burden among Households of illicit Brew drinkers in Kenya. *International Journal of Disaster Management and Risk Reduction*, Vol. 2 Issue No. 2, 2010, pp8-18. ISSN: 1992 -2744
- 24) Njuguna J. N. and **Neyole E.M.**, (2009): Environmental and Health Risks of Post-Harvest Pesticides Use in Rift -Valley, Kenya. *International Journal for Disaster Management and Risk Reduction*, Vol 2 Issue 1
- 25) **Neyole E. M**, and Maiyo A, (2008): Aflatoxin Risks in Maize Production and its Impact on Food Security in Rift Valley Province, Kenya. *International Journal for Disaster Management and Risk Reduction*, Vol I issue 2
- 26) Miima J.B and **Neyole E.M** (2008): Artificial neural networks for computing factor of safety as delineation fortake-off domains in landslide zones. *IJDMRR*, Vol 1 Issue 2.
- 27) **Neyole E.M.** and Otengi S.B, (2008): The Impact of poor ergonomics on brick makers’ health in L. Victoria Basin, Kenya. *Journal of Science and Technology (JSTEM)*, Vol 2. Issue 3.
- 28) Otengi S.B. and **Neyole E M**, (2007): Brick-making Activities and their Environmental Impacts of in the L. Victoria Basin. *International Journal for Disaster Management and Risk Reduction*, Vol I issue 1 pp 1- 6. ISSN: 1992-2744

- 29) **Neyole E M.** and Davies T.C, (2004): Heavy Metal Impacts of Artisanal Gold Mining Activities on Agricultural Soils in Kakamega District, Western Kenya. *East African Journal of Soil Science. Vol. 6, No 1, East African Soil Science Society. pp 38-52.*

11.2 Editor to Published Proceedings

1. **Neyole E. M,** Kiluva V.M. , Onkware K, Akali A & Opillo B. (2012Eds): Disaster Risk Reduction and Conflict Resolution for Sustainable Development. *Proceedings of the international conference held on 18th – 20th July, 2012 at MMUST, Kakamega, Kenya. ISBN.978-9966-1727-0-9.*
2. K. Onkware, **E. M. Neyole** & I. Khabamba, 2010 (Editors): Role of Uniformed forces in Disaster Management. *Proceedings of conference held at Masinde Muliro University of Science & Technology, 13-14th May 2010. ISBN 9966-779-10-8*
3. **E. M. Neyole,** G.W. Waswa & K. Onkware, 2009: (editors): Institutional Fires Risk Reduction. Proceedings of the Workshop held at Masinde Muliro University of Science and Technology, Kakamega, Kenya 26th June 2009 **ISBN:9966-779-08-6**
4. S.O. Omuterema, G.W. Waswa & **E.M. Neyole,** 2009: (editors): Urban Fires Risk Reduction. Proceedings of the Workshop on Urban Fires held at Masinde Muliro University of Science and Technology, Kakamega, Kenya 24th June 2009. **ISBN:9966-779-07-8**
5. K. Onkware, G.W. Waswa and **E.M. Neyole,** 2009: (Editors): Environmental Fires Risk Reduction. Proceedings of the Workshop on Environmental Fires held at Masinde Muliro University of Science and Technology, Kakamega, Kenya 25th June 2009. **ISBN:9966-779-09-4**

Other Reports

- Houghton-Carr, H., Farquharson, F., Mandeville, N., Plinston, D., Sutcliffe, J., Benno, B., Iro, B., **Neyole, E** & Byaruhanga J (2012). The development of a new water release and abstraction policy for the Lake Victoria Basin: Final Report (5 volumes). Report to Lake Victoria Basin Commission. 465pp

11.3 Workshops/Scientific conferences presentations

- 1) Neyole E. 2019: - Rethinking Climate change adaptation for improved human security, increased agricultural productivity and food security for sustainable development Technical note presented at the 13th multi-disciplinary international conference 2019 at MMUST, Kakamega, Kenya
- 2) Wamalwa Emmanuel, **Neyole Edward,** Poipoi Moses, Bitok Monicah (2015). Knowledge gaps on sexual HIV transmission prevention among people living with HIV in Western Kenya. Conference: *18th International Conference on AIDS and STIs in Africa (ICASA).* Harare, Zimbabwe. 29th Nov -4th Dec 2015
- 3) Wamalwa Emmanuel, **Neyole Edward,** Poipoi Moses, Bitok Monicah (2015). Sexual partners and risk behaviours among people living with HIV (PLHIV) in Kisii County, Western Kenya. *Conference: 18th International Conference on AIDS and STIs in Africa(ICASA)* , 29th Nov – 4th Dec, 2015 Harare, Zimbabwe
- 4) Wamalwa Emmanuel, **Neyole Edward,** Poipoi Moses, Bitok Monicah (2015). Client Satisfaction with HIV Care and Treatment services in Western Kenya. *18th International Conference on AIDS and STIs in Africa (ICASA)* 29th Nov – 4th Dec 2015 Zimbabwe
- 5) Wamalwa Emmanuel, **Neyole Edward,** Poipoi Moses, Monicah Bitok (2015). Knowledge on Preventing Mother to Child Transmission: Determinants and drivers among People Living with HIV

- in Western Kenya. 18th International Conference on AIDS and STIs in Africa 29th Nov – 4th Dec, (ICASA 2015) Harare, Zimbabwe
- 6) Otengi'i S. B. B and **Neyole E. M.** (2013): Capacity Building Needs, Gaps and Opportunities for DRR. Paper presented at the 35th Greater Horn of Africa Climate outlook Forum (GHACOF) held from 21st -23rd August, 2013, Boma Inn, Eldoret Kenya: Theme: Building Resilience to Climate -related Risks Through Regional Climate Outlook Forums.
 - 7) **Neyole, E. M.**, Omuterema S.O., Ogallo S. and Maiyo A (2012): Hazard Mapping and Vulnerability Assessment for Disaster Risk Reduction in Western Kenya. In proceedings of *International Conference on Disaster Risk Reduction and Conflict Resolution for Sustainable Development* , MMUST-Kakamega, Date: 18th-20th July 2012
 - 8) Joseph M. Panyako R.O. Onchiri and **E. M. Neyole** 2012: Load Level Effects on Accident Prevalence among Transit Petroleum Road Tankers' in Kenya. *Proceedings of International Conference on Disaster Risk Reduction and Conflict Resolution for Sustainable Development* , MMUST-Kakamega, Date: 18th-20th July 2012
 - 9) Akali, N.M., **Neyole, E.M.** and Muranditsi, A. K 2012: Spatial-temporal evaluation of pollution loads in effluent generated by Mumias Sugar factory in western Kenya. *Proceedings of International Conference on Disaster Risk Reduction and Conflict Resolution for Sustainable Development* , MMUST-Kakamega, Date: 18th-20th July 2012
 - 10) **Neyole E. M.** 2010: Health Risks of Teargas Use in Conflict and Aggression Control *Paper presented: During the "Role of Uniformed forces in Disaster Management"* workshop, 13th-14th May, 2010
 - 11) Omuterema, S., **Neyole. E.**, Mwaniki, T., and Odaba, D., (2009). An Assessment of Main Aspects of Sachang'wan and Nakumatt Fire Disasters in Kenya, *Fire Disaster Preparedness and Mitigation Workshop*; MMUST, Kakamega. June 24 - 26, 2009.
 - 12) **Neyole E, M** (2009): *Effect of fires on environmental quality and human health*. Fire Disaster Preparedness and Mitigation Workshop; Held at Masinde Muliro University of Science and technology (MMUST), MCU. *Paper presented*:
 - 13) **Neyole E, (2009)**: *'Climate Change, disasters and food security problems among communities living in Ijara and Tana River Districts, Kenya'* 3rd East African Health and Scientific Conference (EAHSC), Kenyatta International Conference Centre, Nairobi, Kenya.
 - 14) **Neyole (2006)**. *Occupational Health and safety among Small & Medium sized enterprises in the North Rift, Kenya.*: International Conference on disaster Management and Human Security in Africa, Held at Western University College of Science &Technology. October 2006
 - 15) Njuguna J. N and **Neyole E.** 2006: *'Post-harvest pesticide use among farmers in Likuyani, Lugari District: A health perspective*. International Conference on disaster Management and Human Security in Africa, Held at Western University College of Science &Technology. October 2006
 - 16) **Neyole E. M.**, 2005: Heavy metal pollution hazards in heavy metal pollution hazards in Soils around gold mining areas of soils around gold mining areas of Migori district, Migori district, Nyanza Paper presented: ATWS Conference on Renaissance of Africa: A new dawn. Held at Bishop Stam's Pastoral Centre, Kakamega.
 - 17) **Neyole E. M, 2005**: Geographical analysis of environmental health problems in Migori District, Kenya Kenya Users Group (KUG- GIS conference Held at Egerton University, Njoro Campus. October 2005
 - 18) **Neyole E M, 2004**: Epidemiological and Geographical Analysis of Environmental Health Problems: The Case of Artisanal Gold Mining, Kakamega District. In *Proceedings of the International Workshop on Environmental Health Education in the Eastern Africa Region (Challenges and The Way Forward)*, held at Kenyatta University, Kenya.
 - 19) **Neyole E.M** 2003: Pollution of agricultural soils from artisanal gold mining activities in Kakamega District. *The 21st Scientific Conference of the Soil Science Society of East Africa on Capacity Building for food security*, held in Eldoret, Kenya. 1– 5th December 2003

- 20) **Neyole E. M** 2003: Environmental and health impacts of gold mining activities in Kakamega District Lake Victoria Environmental Management Project's (LVEMP) 3rd Scientific Conference, held in Busia, Kenya. **28-31st Oct. 2003.**
- 21) **Neyole E. M.** 1998: Evaluation and Analysis of Agro-forestry as an Environmental Management Strategy in the Humid Highlands of W. Kenya".: *The 6th KARI Scientific Conference, held in Nairobi, Kenya. 9 -13th Nov. 1998*

12. CONSULTANCY WORKS

July- Sept. 2019	Evaluation of the Eritrean Country programme- <i>Eritrea food security and drought resilience building programme</i> - Eritrea Catholic Church sponsored
Jan – July 2017	World Vision Country-wide Water Sanitation & Hygiene (WaSH) Performance Evaluation, Kenya
Dec'15 -Jan 2016	End-of Phase evaluation (Health & HIV&AIDS; Natural Resource Mgt; Food Security/Livelihoods, and Education programmes), World Vision Tunyo Area Development Programme, Elgeyo Marakwet County -Kenya
May-Dec 2016	Comparative Assessment of Coordination of Natural Disaster Risk Management Programmes in Selected (ECHO-supported and Non-ECHO-supported) Counties, Kenya (WVK)
Dec'15 -Jan 2016	End-of Phase evaluation (<i>Health, HIV&AIDS and Education programmes</i>), World Vision Tunyo Area Development Programme, Marakwet Sub-county, Elgeyo Marakwet County
April-May 2015	End of project evaluation – North-Rift <i>Child Protection through Education Programme</i> (NR- CPtE) – Matete, Sook, Marich Pass & Lokori Area Development Programmes for World Vision, Kenya.
April –May 2013	Lokori IPA End-of Programme Evaluation, Lokori IPA End-of Programme Evaluation, WVK (<i>Education, Food Security, Health/HIV, Child Sponsorship, Natural Resource Management</i>)
Nov'12 –Jan 2013	Baseline survey, Child Protection through Education Project -Marich Pass, Sook, Lokori and Matete IPAs, World Vision
Oct- sept 2012	Lodwar IPA End-of-programme Evaluation, World Vision Kenya (<i>Education, Child Sponsorship, Food Security</i>)
May- June Dec '12	Baseline Survey Report, Tunyo IPA- <i>Natural Resource Mgt, Health, Education</i> (World Vision Kenya)
Dec-2010- Jan 2011	Mid Term Evaluation of the Kainuk IPA/ADP projects for World Vision Kenya (<i>water, Health & sanitation & Food security</i>)
March- May 2009	Baseline assessment of the <i>impact of climate change of livelihoods and food security in Tana River District, Kenya</i> (Kenya Red Cross Society)
Oct '06- march '07	Baseline survey for disaster risk & vulnerability assessment in Ijara District (Safer Schools), Kenya (Action Aid)

13. COMMUNITY SERVICE

- 2009 -2012: **Member of Project Grant Review Committee** (proposal review for HIV/AIDS intervention), AMREF-Maanisha Programme, Western Region, Kakamega

- Aug. 2013: **Trainer of Trainees-** Disaster risk reduction training for Key Ministerial Officers, Republic of Rwanda, Kigali (organised by Ministry of Disaster Management and Refugee Affairs -MIDMAR, Rwanda).

14. PROFESSIONAL MEMBERSHIPS

- Registered Lead EIA/ Audit Expert – Reg No. 8015
- Member of the Environment Institute of Kenya (EIK)
- Nature Kenya - Membership No. 2811

15. REFEREES

Prof. [REDACTED]
Dean of Disaster Management and Humanitarian Assistance, MMUST
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Email: [REDACTED]@mmust.ac.ke
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Dr. E. [REDACTED]
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