

CURRICULUM VITAE
DR. CAROLINE MULINYA

PERSONAL DETAILS

KAIMOSI FRIENDS UNIVERSITY,

DIRECTOR OF CENTRE OF EXCELLENCE ON CLIMATE ACTION AND RESEARCH

P.O BOX 385, 50309 KAIMOSI or

P. O Box 91, 50317 Chavakali,

KENYA

Tel+254 716564742

Email: cmulinya@gmail.com /
cmulinya@kafu.ac.ke

Date of Birth: 7th JUNE 1976

Nationality: Kenyan

Gender: Female

Profession: Capacity Building, Teaching and Research

Interests: Environment management issues, Climate change Issues on Impacts, adaptation and Mitigation, Water quality issues and agricultural production.

Professional Associations:

Member of Environmental Institute of Kenya (**EIK**)

Member of the Ecological Society of East Africa (**ESEA**)

Member of **WIOMSA** (Western Indian Ocean Marine Scientist Association)

Member of River Isiukhu Water Resource Users Association (**WRUA**)

Member of **CODESRIA**

Member and Vice Chair of **KCCWG** (Kenya Climate Change Working Group (Climate change Adaptation THEMATIC AREA)

Member of **RGCCA** (Research Group on Climate Adaptation

Member of the Forum of African Women Educationists (**FAWE**- Kenya

Chapter Currently the Chairperson of Kakamega County **FAWEK** Chapter

Member of Climate change steering Committee of Vihiga County

RESUME

Dr. Caroline Mulinya is a highly qualified individual with a PhD in Climatology (Geography) from Jaramogi Oginga Odinga University of Science and Technology (2017). She also holds a Masters of Arts in Geography (Climatology) from the University of Nairobi (2006) and a B.Ed (Arts) in Geography from Moi University (1999). Currently, she serves as the Director of Centre of Climate Action and Research(CECARE and Senior Lecturer of Geography (Climatology and Climate Change Sciences). In the past, she was Director of University Linkages and Career Services. She chaired the Geography Department at Masinde Muliro University of Science and Technology and served as the Examination Coordinator for the Department of Geography. Additionally, she has been a Zone Coordinator in charge of School Practice in Busia and Butere Zones.

Dr. Mulinya has previously worked as a Research Scientist for Kenya Industrial and Development Institute (KIRDI), Research Assistant for IUCN and GEF, and Consultant for IGAD (Intergovernmental Authority on Development). She has also taught Geography at the high school level in several schools in Kenya.

Dr. Mulinya is a researcher who has been involved in various research projects. These include Water Transformation Pathways Planning IHE-Delft Institute for Water Education Water and Development Partnership Programme (DUPC 3), which had total funding of €1.499.985 from 16 institutions, and where she was a co-investigator for KAFU. She was also involved in a project funded by The African Development Bank (ADFB) in IGAD Region, which focused on water harvesting in the Karamoja cluster area. Furthermore, she was part of a project funded by the TWAS PROJECT GRANT, which studied Tropical Stream Ecology and spatiotemporal variability in habitat characteristics and macroinvertebrate communities in River Isiukhu, Kenya. Dr. Mulinya has also contributed to the development of a training manual on climate change reporting for journalists and media networks funded by PACJA (Pan African Climate Justice Alliance). She is a member of the Kenya Climate Change Working Group (KCCWG) and currently serves as its Vice Chair and National Convenor of the Science and Negotiation Thematic Group of KCCWG.

Apart from her research work, Dr. Mulinya has also served as Director, Chairperson, and Member of several high school Boards. She is passionate about social responsibility and has mentored high school students in STEM, a project sponsored by UNESCO. She has also served as the Catholic Student Association patron at MMUST and currently at KAIMOSI FRIENDS UNIVERSITY. She has supervised and examined several postgraduate students and attended conferences and seminars.

EDUCATIONAL BACKGROUND

2017: PhD in Geography (Climatology) Jaramogi Oginga Odinga University of Science and Technology, Kenya, 2017

- 2006: **Masters of Arts in Geography and Environmental Sciences (Climatology)**
University of Nairobi, Kenya, 2006
- 1999: **Bachelor of Arts (Education) in Geography Degree, (Upper Second Class Honours)**
Moi University, Kenya, 1999
- 1993: **K.C.S.E - Mary Hill High School (Thika): 1990 - 1993**
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SHORT TRAINING COURSES

February 2024: **Climate Change and Carbon Trading by Environment Institute of Kenya**

December 2024: **Climate Change Adaptation and Mitigation in the Indian Ocean Region(IORA) By the Institute for Climate Energy and Disaster Solutions(ICEDS)**

August 2024: **Climate Governance, Diplomacy and Negotiations Kenya by African Group of Negotiators Support(AGNES)**

March, 2021: **Senior Management Course- Kenya School of Government, Kenya**

July 2020: **Gender in Science, Technology and Innovation University of Cape Town (South Africa)**

March, 2020: **Certificate course on leadership and Management- Luxury Academy London**

Oct, 2011: **Certificate on land surface characterization and remote sensing- Cape Peninsula University of Technology Cape town sponsored by SANSA and ESA.**

2012: **Certificate in Adaptive Management of Natural Resources-Wageningen University - Training held in Kumasi Ghana.**

2010: **Certificate course on climate change adaptation in Agriculture and Natural Resource Management –Policy and Programming Held in Ethiopia)**
Wageningen University – Netherlands

ACHIEVEMENTS

1. Successfully selected as a Research Fellow 2024 for the African Centre for Technology Studies (ACTS).
2. Successfully selected as a Research Fellow 2022 for African Research Impact Network (ARIN) and appointed as a Board Member (Eastern African Focal Representative).
3. Appointment as Member of Climate Change Thematic Working Group For Review of Sessional Paper No.3 of 2009 n National Land Policy.(Chaired the Climate Change sub Theme)

4. Spearheaded the establishment of the Climate Centre of Excellence in Climate Research and Action (CECARE) at Kaimosi Friends University in conjunction with the County Government.
5. Expert of African Group of Negotiators Experts Support (AGNES): Expertise in Physical Climate Science, Indigenous Knowledge and Local Knowledge, Adaptation, Impacts and vulnerability, Mitigation, Climate change and finance, Agriculture, Food Security and Climate Change
6. Featured in the second edition of AIMS' New Interventions for a Changing World. This publication highlights the accomplishments of African women who are working to tackle climate change challenges, with a special focus on those based in Africa."

ACADEMIC AND PROFESSIONAL POSITIONS

August 2019 to Present: Senior Lecturer of Geography and Director of Centre on Climate Action and Research (CECARE) at Kaimosi Friends University.

Duties:

1. Teaching various courses at both Undergraduate and Graduate levels such as:
 - Climatology and climate change issues.
 - Research Methods in Geography and Environmental Studies.
 - Quantitative Methods in Geography and Environmental Studies.
 - Cartography and Geographical and Information Systems.
 - Geography of Africa /Kenya
2. Supervision of Graduate and undergraduate students (PhD and Masters Students)
3. **Coordinator School Graduate studies committee:2020- 2023)**

Duties

- Recommending to Graduate school the Academic Programmes in the school
- Recommending to Graduate school candidates for admission
- Recommending candidates for award of scholarships, fellowships and awards

4. Chairman Departmental Graduate studies committee

- Initiating and developing graduate programmes in the Department
- Reviewing applications and making recommendations to Deans of Schools to Graduate school Board.
- Recommending appointments of supervisors, internal examiners and external examiners to the graduate school board
- Organising seminars for Graduate students every academic year.

5. Member of University Research Board

- Advising the University Management Board on all matters related to Research.

- Stimulating, Creating and identifying Faculty Research and liaising with other relevant institutions and bodies to foster research in the University.
- Reviewing of a triannual funding allocation to and status of all the university-funded research committee activities.
- Supporting the university in its engagement with key external stakeholders relating to research, including linkages to business, industry and government funding agencies.

6. Programme leader of Geography at Kaimosi Friends University

- Provision of academic leadership in assigned programmes
- Assisting and reviewing programmes in the Department
- Providing students and staff mentorship

7. External Examiner of Geography Koitalel Samoei University College(A constituent university of Nairobi(APRIL 2022 TODATE

- Examining both graduate and undergraduate examinations
- Provision of academic leadership in assigned programmes
- Assisting and reviewing programmes in the Department
- Providing students and staff mentorship

6.

8. External Examiner of Geography ALUPE UNIVERSITY(APRIL 2021 TODATE

- Examining both graduate and undergraduate examinations
- Provision of academic leadership in assigned programmes
- Assisting and reviewing programmes in the Department
- Providing students and staff mentorship

9. Academic leader and advisor of Garissa University (May 2020-2023)

- Provision of academic leadership in assigned programmes
- Assisting and reviewing programmes in the Department
- Providing students and staff mentorship.

DUTIES AS DIRECTOR CECARE

- Conducting research, managing climate information, and documenting best practices for addressing climate change.
- Organizing outreach activities to increase stakeholder awareness about climate change and its consequences.
- Developing and implementing action-oriented community initiatives to build climate change resilience, adaptation, mitigation, and secure climate change financing.
- Unpacking the various global documents on climate change such as the declarations and frameworks to contribute to Sustainable Development Goals.
- Overseeing of innovation for various sectors, including renewable energy, clean energy solutions, recycling, and sustainable knowledge management tools.

DUTIES AS DIRECTOR FOR LINKAGES

- Creating and promoting partnerships and collaborations with research and academic institutions.
- Having MOUs and MOAs with other institutions.
- Overseeing the development and training that will lead to development of linkages and partnerships,
- Coordinating the advancement of new innovative technologies
- Approving partnerships with other likeminded research and educational institutions.
- Reviewing the policies in the directorate to enhance efficiency in administration of collaborations and partnerships.
- Managing the educational programmes within the directorate to foster synergies developed across partnerships and collaborations
- Coordinating of collaborative research in all the fields within the university

February 2018: Chairperson Department of Geography.

- In charge of all administrative and Academic affairs of the Department.
- Chief examiner of Geography
- In charge of budget preparation and Procurement plans for the department.
- Foster internal partnerships in the Department and initiate external Linkages

September 2013 to August 2019: Lecturer at Masinde Muliro University of Science and Technology

Duties: Teaching various courses such as:

- Climatology and climate change issues.
- Research Methods in Geography and Environmental studies.
- Quantitative Methods in Geography and Environmental Studies.
- Cartography and Geographical and Information Systems.
- Geography of Africa/Kenya

January 2011 to July 2017: Geography Examination Coordinator

April 2010-August 2013: Assistant lecturer at Masinde Muliro University of Science and Technology

Duties: Teaching various courses such as:

- Climatology and climate change issues.
- Research Methods in Geography and Environmental studies.
- Quantitative Methods in Geography and Environmental Studies.
- Cartography and Geographical and Information Systems.
- Geography of Africa.

May 2010- January 2018: **School Practice Zone Coordinator** in charge of Butere -Mumias Region and Busia Regions

July 2012 to 2016: **Hostel Warden**

January, 2018- to Date: **Patron Geography Students**

Association Member of various Adhoc committees of the Senate

- Students Disciplinary on Examination irregularities of 2017/2018
- Investigation of Fraud cases in the University

Jan 2007 to April 2010): **Working as Research Scientist at KIRDI** (Kenya Industrial Research and Development Institute in the Environment Division.

Duties:

- Undertaking research projects related to environmental issues in various projects such as:
- Climate variability and land use changes and its impact on forest cover, food production and water quality in River Nzoia drainage basin.
- Land use change and climate variability within Lake Naivasha catchment area and its impact on water quality of the lake.
- Underground water quality and its correlation to water borne diseases in Nyamira District
- Waste management from fish processing industries around Lake Victoria region
- Development of plastic bag washing machine for recycling of plastic bags.
- Undertaking research projects in the environmental department including: Writing proposals, project budgets, Data collection and project work plans and writing reports

September 2005 to July 2006): **Working as a Consultant and trainer of trainers (TOT)** for guiding systems (GS) consulting Firm in Nairobi Kenya-A pilot project in Karamoja Cluster; Funded by ADB through IGAD

Duties

- In charge of capacity building and development of training manuals on:
 - Environmental Issues:
 - Climate change adaptation
 - Rainwater harvesting techniques
 - Agricultural production systems
 - Disaster preparedness
 - Conflict Mitigation and management
 - Community participation and food security issues
- Report writing on issues of Environment, Gender, Capacity building and Climate change.
- Field visit to the various sites of projects to gain first hand information.
- Conducting Trainings of Trainers(TOTs) various places such as:Conducted training workshops in Jinka, Ethiopia,Kotido, Uganda,Lokichogio, Kenya and Narus, Sudan on various rainwater harvesting techniques, Community participation Climatic and cross-

cutting issues such as gender, conflict mitigation HIV related issues.

July 2005-Sept 2005: Working as a Research Assistant in Lembus Forest in Koibatek District:

A project funded by the European Union through The World Conservation Union (IUCN)- Duties:

- Developing proposals on causes, effects of climate changes and its impact on the socio – economic and environmental issues of the region.
 - Undertaking a socio-economic baseline study for lembus forest project.
 - Investigation of Indigenous Knowledge of the Lembus forest integrated conservation and development project.

December 2004 to June 2005: Undertaking a research project on the conservation of Mount Marsabit of Eastern Province being executed by GEF for UNEP for my Master's thesis Duties:

- Data collection on climatic parameters and land use changes through imageries using GIS techniques.
- Data analysis.
- Report writing

2000-2003: Graduate Teacher at Kakamega High school and Lirhanda Girls School, Kakamega District in Kenya

Duties

- Teaching Geography.
- In charge of Wildlife club.
- Geography club assistant patron.
- In charge of Environment Club.
- Facilitation of inter-house Music/Drama activities within the school.

7.

IV STUDENTS SUPERVISION AS SENIOR LECTURER

PHD STUDENTS' SUPERVISION

1. Remigio Turyahabwe (2018). PhD research titled: **Influence of Land Use of River Sironko Catchment Area in Eastern Uganda** - Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology. **(Graduated)**

MASTERS STUDENTS SUPERVISION

1. Alwanga Reggisvale(2017): Masters research Titled: **The impact of extractive industry on the environment in Kakamega South Sub-county**, Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology(**Graduated**)
2. Chelagat Winnie (2018): Masters research Titled: **Adaptation strategies for seasonal Agricultural drought among small-scale crop farmers in Kakamega South Sub-county, Kakamega County**. Department of Geography and Environmental Sciences Masinde Muliro University of Science and Technology(**Graduated**)
3. Ambumbi Andrew (2015). Masters research titled: **Use of seasonal climate forecast on maize crop production in Vihiga County**. Department of Geography and Environmental Sciences, Mount Kenya University (Kakamega Campus(**Graduated**)
4. Khagali Jotham (2015). Masters research titled: **The impact of artisanal Gold Mining on socio-economic development of rosterman in Kakamega**. Department of Geography and Environmental Sciences, Mount Kenya University (Kakamega Campus (**Graduated**)
5. Maasai Timothy (2020): Masters research Titled: **Household food insecurity and coping strategies and coping strategies in Kakamega County**: Department of Geography and Environmental Sciences Kaimosi Friends University (Defended successfully awaiting Graduation)
6. Likule Joseph Muruka (2018): Master research Titled: **Safe Water and Sanitation Services in Mount Elgon And Management responses to Climate Change**. Department of Geography and Environmental Sciences Masinde Muliro University of Science and Technology (**Awaiting Defense**)
7. Sundukwa Pamella (2015): Masters research Titled: **The Role of African Religion in Climate Change Mitigation among The Tiriki People of Luhya Community in Kenya**(Department Of Religion and Philosophy, Masinde Muliro University of Science and Technology(**Submitted awaiting Defense**).
- 8.
9. Eric Wekesa Makokha (2018): Masters research Titled: **Economic Constraints Facing Small Holder Crop Framers coping mechanism to Climate Change in Tongaren Sub – County, Kenya**: Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology (**Awaiting Defense**)
10. Wanyama John Wekesa (2015). Masters research titled: **The influence of climate knowledge in planning of urban centres: A case study of Kisumu City, Kenya**. Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology.(**Data collection Stage**)

11. Lydia Kerubo Ochomba(2016): Masters research Titled: **Community perceptions and priorities in the conservation of river isiukhu, Kakamega Kenya**. Masinde Muliro University of Science and Technology(Proposal Writing Stage.)
12. Khasoha Mmbone Petronilla(2017): Masters research Titled:Factors influencing productivity small tea Holder farmers in Vihiga County, KENYA. **Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology (Proposal Writing Stage.)**

VI. MASTER'S STUDENT SUPERVISION AS LECTURER

1. Wafula Hillary Musinzi (2015). Master research titled: **The Impact of Climate Change on the spread of Malaria amongst children under the age of Five Years in Vihiga County** - Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology.(**Graduated**)
2. Mukoya Wingred (2015). Masters research titled: **Gender roles in adaptation to climate change in Vihiga County, Kenya**. Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology.(**Graduated**)
3. Ngome Shitikho (2015). Masters research titled: **The influence of climate knowledge in planning of urban centres: A case study of Kisumu City, Kenya**. Department of Geography and Environmental Sciences, Masinde Muliro University of Science and Technology.(**Graduated**)
4. Caleb Kemboi Cherop (2015) Masters research titled: **A Historical Perspective of the Marakwet Food Security Mechanisms c1850-2000The influence of climate knowledge** Department of History and Political Science, Masinde Muliro University of Science Technology.(**Graduated**)

VII) THESIS EXAMINATIONS

1. Otwor Dennis Otwor: REG NO (CDS/H/01-54121/2019): External Examiners of Ph.D. thesis Titled ” **CLIMATE – SMART AGRICULTURE AND ITS IMPLICATIONS ON FOOD SECURITY AMONG SMALL SCALE FARMERS IN NYAMIRA COUNTY, KENYA**(Masinde Muliro University of Science and Technology(MMUST)

2. M/TH/224/2024: External Examiner of Masters Thesis Titled “Carbon Footprints of Food Wastes from Classified Star Hotels in Nairobi City County ”(Kenyatta University: Kenya
3. Phelly Omar M. A Thesis GEO/G/08/15 Internal Examiner Masters of Thesis Titled” Management of Disposed Solid Wastes for Environmental Sustainability of Kakamega Municipality.
4. Kwemoi J. Kimtai M.A Thesis. REG NO (GEO/G/01/52677/2018: Internal Examiner of Masters Thesis Titled” The Effect Of Growth and Development Of Kimililli Town On Peri–urban Land Use from 1990 to 2020.

VII) RESEARCH EXPERIENCE/ GRANTS/ CONSULTANCIES

1. Trans-Paths-Plan:_Water Transformation Pathways Planning: River Yala Basin February 2022 Water Transformation Pathways Planning IHE-Delft Institute for Water Education Water and Development partnership Programme (DUPC 3) Total funding € 1.499.985, 16 institutions, Co-Investigator for KAFU
 2. Training module development and actual training for ACTS(African Centre for Technology Studies on Climate Change Financing(July 2023
 3. .FLOCCA Project _Training of CSOs on Financing Locally Led Adaptation Strategies to Climate Change in Vihiga County(December 2022
 4. Project on growing African Indigenous vegetables in Kakamega County by smallholder female farmers – January 2019
 5. TWAS PROJECT GRANT-Tropical Stream Ecology: Spatiotemporal Variability in Habitat Characteristics and Macroinvertebrate Communities in River Isiukhu, Kenya-2017
 6. Development of a Training Manual on Climate Change Reporting for Journalists and Media networks (August 2018)
 7. Development of Training Manuals on Gender and Rainwater Harvesting in Karamoja Cluster- Funded by the African Development Bank and executed by IGAD- 2006
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PERSONAL PROFILE

A Researcher mainly on natural resource management and climate change having undertaken various research projects such as conservation of the Mount Marsabit of the

Eastern Province being executed by and GEF under UNEP, Rainwater water harvesting project in IGAD region and various researches within KIRDI as a research institute.

A qualified teacher (educationist) mainly teaching Geography. Taught in various schools which include Kakamega High School, Lirhanda Girls School.

Facilitator of training and mentoring skills

Substantial experience in Developing, implementing, monitoring and evaluation of projects

IX) PROFESSIONAL SKILLS AND EXPERTISE

- a) **Credentials or professional training relevant to expertise PhD in Geography(Climatology)**
Master of Arts in Geography (Climatology)
Bachelor of Education (Arts) Degree

b) **Computer Skills:**

Proficiency in Ms Word, Ms Excel, Ms PowerPoint, Internet and SPSS

X: MAIN AREAS OF INTEREST

Research of climate and climate change (Adaptation, Mitigation and Finance), drought and flood management, Environmental management and conservation, Rural livelihood and poverty eradication and food security and capacity building.

XI: CONFERENCES/ SEMINARS/ WORKSHOPS/ SYMPOSIUMS/TRAINING

- **5th- 6th December 2023-** 3rd Afro-Asia Summit- Mombasa- Kenya
- **15th- 17th November 2023-** 4th International STEMEIC Virtual Conference 2023- Masinde Muliro University of Science and Technology(MMUST

- **13th- 17th November 2023**- Workshop on Establishment of engagement Framework for Civil Society Organisations(CSOs) and Indigenous People (IPs) with FLOCCA Programme
- **5th June 2023**- Weather And Climate Information Downscaling And Dissemination Workshop – Nairobi- Kenya
- **12th – 14th October 2022**: Vihiga County Participatory Climate Change Risk and Vulnerability Assessment Workshop- Sosa Cottages Hotel
- **30th September 2022**: Strengthening KCCWG Institutional Systems Towards Effective Delivery Project- Nairobi.
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- **2nd -24th February 2022**: From Science to Policy Workshop Macquarie University (Australia (Virtual)
- **3rd - 5th November 2021**: International Conference on Technology and Innovation for Sustainable Development, Murang'a University of Technology (Virtual)
- **26th August 2021**: From Climate Change Adaptation to Climate Resilience-Identifying the missing Link in collaboration with Nordic African Institute(Virtual)
- **28th – 29th October 2019**: Ocean regional ocean acidification workshop :Maru Maru Hotel, Gizenga St, Zanzibar, Tanzania
- **13th-16th August 2019**:Earth Observation for Evidence-Based Decision Making” RCMRD premises on Kasarani Road, Nairobi.
- **9th- 12th October 2018** : National Climate Governance Conference: The Role of Devolved Governments in the Transition to Low Carbon Climate Resilient Economic Development(9th- 12th October Safari Park, Kenya
- **3rd-7th September 2018** : International East and Southern Environmental/ Chemical conference in Africa ESAECC- TACC, Reef Hotel Mombasa, Kenya
- **3rd-5th October 2018**: ISO 9001-2015 Risk management Training: Quality Assurance MMUST, Kenya

- **22nd-24th August 2018:** ISO 9001-2015 Transition Training for Awareness Training, MMUST, Kenya
- **18th- 22nd June 2018:** First Pan African International Research Congress (PAIRC 2018):Harnessing Research Output for Sustainable Development in Kisumu
- **12th -18th March 2018:** Sustainability in Food-Water Ecosystem Nexus in Sub Saharan Africa in support of SDGs-Sustainable Wetland use Kampala Uganda.
- **18TH- 22nd December 2017:** Role of small holder agroforestry systems in the arid and semi-arid region in combating climate change Kisumu, Kenya.

26th- 30th November 2017: Strengthening food security through integrated Earth Observations and ecological Assessment of ecosystems in Kenya, Nairobi.

- **22nd- 24th March 2017:** Third CAAST-Net Plus Workshop on Strengthening Research Capacities for Applied Research into Human Health and Climate Change, Kampala, Uganda
- **1st-2nd February 2017:** Symposium on Rainwater-Smart Management in Sub-Saharan Africa “Fostering the Use of Rainwater for Food Security, Integrated Landscape Restoration and Climate Resilience, and Poverty Alleviation”. Nairobi, Kenya
- **13th-14th August 2015:** International Conference on expanding theoretical and Applied Roles of G.I S in dynamic global environment held At Masinde Muliro University of Science and Technology
- **30th - 31st July 2015:** 2nd Africa ecosystem Based Adaptation for food security conference 2015.
- **23rd to 24th January ,2014:** University Multiplication Training Workshop on Curriculum Development and Review for Public Universities in Kenya: Implementation and Accreditation held at MMUST in Kakamega, Kenya.
- **2nd-4th December 2013:** International Workshop on sharing experiences with Community Forestry in East and Southern Africa. Wondo Genet College of Forestry and Natural Resources. Hawassa University: Ethiopia
- **22nd-23rd July 27, 2009:** First National Stakeholders Workshop for the formulation of a national Climate Change Strategy
- **16th-22nd March 2008:** VICRES Harmonization workshop on proposal writing in Jinja- UGANDA
- **11th -12th July 2007:** ENTTRANS and PRACTICAL ACTION Workshop- Clean Development Mechanisms (CDM Energy Technologies for Sustainable Development in Kenya
- **5th-9th March 2007:** The Greater Horn of Africa Nineteenth Workshop - Climate

Outlook Forum (GHACOF) - March 2007 whose theme was Climate Information needs o address the challenges of specific sections for disaster risk reduction and sustainable development in the greater Horn of Africa sub region, Nairobi, Kenya

- **31st-1st September 2006:** The Greater Horn of Africa Eighteenth Workshop -Climate Outlook Forum (GHACOF) - whose theme was needs for specific sectors in reduction of climate related risks for sustainable development, Nairobi, Kenya.

- **1st -3rd March 2006:** The Greater Horn of Africa Seventeenth Workshop Climate Outlook Forum (GHACOF) - whose theme was coping with climate extremes in GHA: Assessment of previous COFs through experience and lessons learnt. Nairobi, Kenya
- **Feb, 2006:** Workshop on sustainability of Mount Marsabit Ecosystem for research findings on climatic trends in relation to land use change at Sportsman Arm Hotel in Nanyuki.
- **Dec 2005:** 7th Conference of Parties (COP7) to the UNCCD within framework of UNDP/GEF- World Initiative on Sustainable Pastoralist
- **June-July 2006:** Training of Trainers workshops on rainwater harvesting in Ethiopia, Kenya, Sudan and Uganda.

XII PERSONAL SKILLS

- Team player and effective communicator
- Good interpersonal skills
- Open minded, innovative and motivator
- Personate and good facilitator
- Flexible and time manager

Xiii PUBLICATIONS(BOOKS AND BOOK CHAPTERS

- **C. Mulinya (2023)** Climatology in the 21st Century; Impacts, Challenges and Solutions. ISSN: 978-9966-26-282-0, Utafiti Foundation. Kenya

XIII) PUBLICATIONS(PEER REVIEWED ARTICLES)

W Chelagat and C Mulinya (2023)Evidence of Climate Change and Seasonal Agricultural Drought in Kakamega South Sub-County, Kakamega County, Kenya
DOI:[10.51867/ajernet.4.2.70](https://doi.org/10.51867/ajernet.4.2.70)

- R. Turyahabwe , **C. Mulinya** , A Mulabi and M. Olowo (2022):A Comparison of the Efficiency of Aquatic Macroinvertebrate Sampling Tools Used in Lotic Environmental Impact Assessment of Human Activities in A Tropical Mountain Stream in Eastern Uganda, August 2022 DOI:[10.4314/gig.v14i2.1](https://doi.org/10.4314/gig.v14i2.1)
- R. Turyahabwe , **C. Mulinya** and W. Shivoga (2022) Relationships between land use, habitat quality, physicochemical water quality and fish communities in the Sironko River Catchment, a mountainous tropical stream flowing into the Lake

- W. Chelagat **C. Mulinya** and J. Mabonga (2022): Seasonal agricultural drought effects on small scale farmers crop production in Kakamega South Sub- county
- **C. Mulinya** (2022): Factors Affecting Small Scale Farmers Coping Strategies To Climate Change In Vihiga Sub County In Kenya, February 2022 DOI: [10.9790/0837-2702070109](https://doi.org/10.9790/0837-2702070109)
- Sundukwa, P Ekwenye, J , **C. Mulinya** (2021): An interlace of African Traditional Religion practices among the Abatirichi people of Western Kenya in mitigating climate change, IOSR Journal of Humanities And Social Science (IOSR-JHSS) Volume 26, Issue 1, Series 5 (January. 2021) 12-18 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org DOI: [10.9790/0837-2601051218](https://doi.org/10.9790/0837-2601051218) www.iosrjournals.org 12 | Page
- J. Khagali and **C. Mulinya** (2020): The Impact of Artisanal Surface Gold Mining on Socio-Economic Development of Residents of Rosterman Area, Kakamega County. IOSR Journal of Humanities and Social Science DOI: [10.9790/0837-2512090916](https://doi.org/10.9790/0837-2512090916)
- Alwang'a R. **Mulinya C.** and Mabonga (2020) Gold Mining Industry and Its Implications on the Environment in Kakamega South Sub-County, Kakamega County, Kenya ,IOSR Journal of Humanities And Social Science (IOSR-JHSS) Volume 25, Issue 9, Series 7 (September. 2020) 47-61 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org DOI: [10.9790/0837-2509074761](https://doi.org/10.9790/0837-2509074761) www.iosrjournals.org 47 | Page
- Remigio Turyahabwe , **Caroline Mulinya** and William Aino Shivoga (2020) Influence of land use/cover on water quality in the River Sironko catchment area, Eastern Uganda IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e- ISSN: 2319-2402, p- ISSN: 2319-2399. Volume 14, Issue 8 Ser. I (August 2020), PP 26-36
- www.iosrjournals.org DOI: [10.9790/2402-1408012636](https://doi.org/10.9790/2402-1408012636) www.iosrjournals.org 26 | Page
- Remigio Turyahabwe , **Caroline Mulinya** and William Aino Shivoga (2020) Challenges Associated with Incomplete Assessment of Stream Ecosystem Health and Land use Interaction Studies in East and Southern Africa – A Review Article (Elixir e-ISSN: 2229712X-Elixir Environ& Foresyr 145(2020)-54683-54688 ISSN: 2319-2399. Volume 14, Issue 8 Ser. I (August 2020), PP 26-36 www.iosrjournals.org DOI: [10.9790/2402-1408012636](https://doi.org/10.9790/2402-1408012636) www.Elixirjournal.org

- Cherop K.1 , Muchanga K.,**Mulinya C** 1(2019): A Historical Assessment of the Marakwet Food Security Mechanisms c. 1850-2000. *IOSR Journal Of Humanities And Social Science (IOSR-JHSS)* Volume 24, Issue 6, Ser. 7 (June. 2019) 48-59 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org DOI: 10.9790/0837-2406074859 www.iosrjournals.org 48 | Page
- Mukoya W and **Mulinya C.** 2018). Gender Roles in Climate Change Adaptation of Crop Production in Vihiga Sub-County, Kenya .*IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* e-ISSN: 2319-2402,p- ISSN: 2319- 2399. Volume 12, Issue 9 Ver. III (September. 2018), PP 18-26
 ○ www.iosrjournals.org
- Ngome S. And **Mulinya C.**(2018).The Challenge of Integrating Street Trade in the Urban Development Plan and Policies: Kakamega Town, Kenya *IOSR Journal Of Humanities And Social Science (IOSR-JHSS)* Volume 23, Issue 7, Ver. 8 (July. 2018) PP 78-89 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org DOI: 10.9790/0837-2307087889 www.iosrjournals.org 78 | Page
- Wafula H. and **Mulinya C.** (2018). Impact of climate change on spread of malaria in vihiga county, Kenya Kenya *IOSR Journal Of Humanities And Social Science (IOSR- JHSS)* Volume 22, Issue 2, Ver. II (Feb. 2017) PP 100-109 e-ISSN: 2279-0837, p-ISSN: 2279-0845. www.iosrjournals.org DOI: 10.9790/0837-220202100109 www.iosrjournals.org 100 |
- **Mulinya C.**(2017)., Kenya Climatic Trends In Relation To Land Use Change in the Mount Marsabit Region of Marsabit County *IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* e-ISSN: 2319-2402,p- ISSN: 2319-2399. Volume 11, Issue 6 Ver. II (June. 2017), PP 72-79 www.iosrjournals.org DOI: 10.9790/2402- 1106027279 www.iosrjournals.org 72 | Page
- **Mulinya C.**(2017) Factors Affecting Small Scale Farmers Coping Strategies To Climate Change In Kakamega County In Kenya *IOSR Journal Of Humanities And Social Science (IOSR-JHSS)* Volume 22, Issue 2, Ver. II (Feb. 2017) PP 100-109 e-ISSN: 2279-0837, p- ISSN: 2279-0845. www.iosrjournals.org DOI: 10.9790/0837-220202100109 www.iosrjournals.org 100 |
- Agevi, H., Mwendwa, K. A., Koros, H., **Mulinya, C.**, Kawawa, R. C., Kimutai, D. K., Wabusia, M., Khanyufu, M. and Jawuoro S. (2016). PELIS Forestry Programme as a

Strategy for Increasing Forest Cover and Improving Community Livelihoods: Case of Malava Forest, Western Kenya. *American Journal of Agriculture and Forestry*. 4(5): 128- 135

- **Mulinya C.** Ang-awa F. and Tonui K. (2016) Constraints to adaptation to climate change by small scale farmers in Kakamega County: International Journal of Education and Research.
- **Mulinya C.** Ang-awa F. and Tonui K. (2015) Small Scale farmers and resilience adaptive strategies to climate change in Kakamega County: International Journal of Education and Research
- **Mulinya, Caroline (2011)** – Climate change and its impact on land use in Mount Marsabit. Lap Lambert Academic publishing (Germany)
- Angawa F.P.O, Huho J. M, Kosonei R., **Mulinya C:** Environment Conservation at Crossroads: The way forward: International Journal of Management and Risk Reduction: IJDMRR Journal, Vol. 4 No .2, November 2012. Available online at <http://www.ijdmrr.net> and <http://www.admcrk.org/journal/>.
- **Mulinya, C.** and Nyariki, D.M. (2005).Rainwater harvesting in the IGAD Paper presented at the GHACOF 16 workshop, held in September 2005, Nairobi, Kenya.

XIV) PROGRAMMES DEVELOPED AND REVISED

2018: Developed a programme in PhD IN Geography

2017: Developed a programme in BA In Geography and Environmental Sciences
2017: Developed a programme in M.A in Geography

2017: Developed a programme in MSc in Geography
2015: Revised Bachelor of Education Arts Programme

XV) RESPONSIBILITIES WITHIN UNIVERSITY

January 2016 to 2019: Board member of CEKATFOS (Centre for Kakamega Tropical Studies and Climate Change.

2016 to 2019 Board Member of Spearheading Rain water harvesting project at MMUST.

2015: Member of steering committee on development of Geography programmes within the school of Arts and Social Sciences.

XVI) RESPONSIBILITIES IN THE COMMUNITY

April 2020 TO PRESENT- Board Member of ST ELIZABETH HOSPITAL (MUKUMU)-Kakamega county

January 2016 to Date: Chairperson, Board of Management St. Theresa Eregi Girls School, Kakamega County.

January 2012 to October 2018: Member, Board of Management St. Peters High School, Kakamega County.

Regional Board Member Climate Change Network of Kenya CCN(Western Kenya covering both Nyanza and Western Kenya

XVII) COMMITTEE MEMBERSHIP

August 2022 to Present: Member of Senate(Kaimosi Friends University

- **November 2019 To Present:** Member of University College Budgeting Committee, Kaimosi Friends University.
- **November 2019 To Present:** Member of Deans Committee : Kaimosi Friends University.
- **February 2018:** Member of Senate, Masinde Muliro University of Science and Technology
- **2018;** Member of students disciplinary committee of Senate
- **February 2018:** Member of Senate, Masinde Muliro University of Science and Technology
- **2018;** Member of students disciplinary committee of Senate2018; Member of students disciplinary committee of Senate
- **2018**Adhoc Committee on Fraud.

XVIII) MEMBERSHIP OF BOARDS

1. Member of the Editorial board of International Journal on Climate Change and Sustainable Management
2. Reviewer of International Journal on Climate Change and Sustainable Management
3. Membership of the Editorial Advisory Board (EAB) of the journal "Discover Sustainability"

LANGUAGES

	Speak	Read
	Write English	Excellent
	Excellent	Excellent
Kiswahili	Excellent	Excellent
	Excellent	French
	Good	Good
	Good	

HOBBIES:

- Undertaking voluntary services especially for the under privileged people
- Travelling.

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