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# Dr. Carol Munini Munyao

<b>Specific interests</b>	Renewable energy and climate change science research, community development and environmental conservation projects		
<b>Personal details</b>	<b>DATE OF BIRTH:</b> 1982 <b>SEX:</b> Female <b>MARITAL STATUS:</b> Married	<b>NATIONALITY:</b> Kenyan <b>COUNTY:</b> Machakos <b>RELIGION:</b> Christian	
<b>Current Position</b>	<b>Lecturer</b> School of Public Health, Department of EVH & DRM	<b>Moi University</b>	<b>January, 2019 to Date</b>
	<b>Responsibilities</b> <ul style="list-style-type: none"><li>• Teach and assess course courses in Environmental science discipline at both undergraduate and graduate level</li><li>• Supervise undergraduate projects and other experiential learning programme</li><li>• Supervise dissertations/theses at the graduate level</li><li>• Participate in the development of undergraduate and graduate courses</li><li>• Initiate, promote and participate in research projects</li><li>• Provide professional and community services and initiate linkages and fundraising</li><li>• Carry out administrative and other duties &amp; responsibilities as may be assigned</li></ul>		
<b>Previous Positions</b>	<b>Head of Department</b> School of Agriculture and Natural Resources	<b>Natural Resources Department</b>	<b>June, 2019 to June 2020</b>
	<b>Responsibilities</b> <ul style="list-style-type: none"><li>• Management and Coordination of the activities of the Department</li><li>• Strict control over the human resource function of the Department</li><li>• Exercising oversight over the finances of the Department</li><li>• Offering acceptable levels of leadership across the Department</li><li>• Meeting the set Performance Contracting and Quality criteria of Moi University</li></ul>		
	<b>Tutorial Fellow</b> School of Agriculture & Natural Resources, Department of Natural Resources	<b>Moi University</b>	<b>November, 2015 to December, 2018</b>
	<b>Responsibilities</b> <ul style="list-style-type: none"><li>• Undertake research in areas related to Environmental Health, Natural resource Management</li><li>• Undergraduate teaching</li><li>• Undertake Research in Environmental issues</li><li>• Provide professional and community service and initiate linkages</li></ul>		
<b>Education</b>	2017	<b>D. Phil in Environmental Health</b>	University of Eldoret
	2013	<b>M. Phil in Wood science (Bioenergy)</b>	University of Eldoret
	2004	<b>B.Sc. in Wood Science and Technology</b>	Moi University, Eldoret
	1998	<b>KCSE</b>	Kiambere School Complex
	1994	<b>KCPE</b>	Kikumini Primary School
<b>Previous experience</b>	October 2014 to June 2016	<b>ICRAF</b>	<b>Nairobi</b>
	<b>PhD Research Fellow</b> <b>Responsibilities</b> <ul style="list-style-type: none"><li>• Review of literature on Bioenergy, Payment of Ecosystem Services, Clean Development Mechanisms and Reducing Emissions from Deforestation and Forest Degradation (REDD) projects in Kenya and other Sub-Saharan countries.</li></ul>		



<b>Administrative Duties</b>	<ol style="list-style-type: none"> <li>1. December 2015 To Date Departmental Integrity and Corruption Prevention Coordinator</li> <li>2. December 2015 To Date Member of School Research Team</li> <li>3. December 2015 To Date Member of corruption prevention committee of the School of Agriculture and Natural Resources</li> <li>4. February 2016 To Date Departmental Representative in the School Research committee</li> <li>5. February 2016 To Date Departmental Examination Coordinator</li> <li>6. December 2015 to December 2016 Participated in undergraduate curricula review <ul style="list-style-type: none"> <li>– Environmental studies programme</li> <li>– Sustainable Agriculture and Climate Change</li> </ul> </li> </ol>												
<b>Professional Trainings</b>	<table border="0"> <tr> <td style="vertical-align: top;">2017</td> <td style="vertical-align: top;"><b>Proposal Writing and Scientific Writing</b></td> <td style="vertical-align: top;">AWARD</td> </tr> <tr> <td style="vertical-align: top;">2017</td> <td style="vertical-align: top;"><b>Leadership Training</b></td> <td style="vertical-align: top;">AWARD</td> </tr> <tr> <td style="vertical-align: top;">2016</td> <td style="vertical-align: top;"><b>Open &amp; Distance Learning Training</b></td> <td style="vertical-align: top;">Moi University</td> </tr> <tr> <td style="vertical-align: top;">2014</td> <td style="vertical-align: top;"><b>Certificate in EIA/EA</b></td> <td style="vertical-align: top;">University of Eldoret</td> </tr> </table>	2017	<b>Proposal Writing and Scientific Writing</b>	AWARD	2017	<b>Leadership Training</b>	AWARD	2016	<b>Open &amp; Distance Learning Training</b>	Moi University	2014	<b>Certificate in EIA/EA</b>	University of Eldoret
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2014	<b>Certificate in EIA/EA</b>	University of Eldoret											
<b>Membership to Professional body</b>	<p><b>March 2014 to date</b>                      <b>Professional Member</b>                      <b>Forestry Society of Kenya</b></p> <p>Membership No: FSK/F/0156</p> <p><b>Roles</b></p> <ul style="list-style-type: none"> <li>• Participate in professional management of Forests in Kenya</li> <li>• Creating awareness on sustainable forest management, wood energy conservation/use of energy conservation devices</li> <li>• Participate in policy formulation on forest issues</li> <li>• Take part in research through publications</li> </ul>												
<b>Community Service</b>	<p>October 2015 to date Member Friends of Lodwar</p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Assist communities, particularly in Turkana through Catholic Diocese of Lodwar</li> <li>• Raising funds to assist in emergency situations in Turkana region</li> <li>• Visit and support projects initiated by catholic Diocese of Lodwar</li> </ul> <hr/> <p>Jan 2005 to May 2005 volunteer at Mully Children Home at Ndalani</p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Teaching of various subjects</li> <li>• Support vulnerable children to establish bible clubs</li> <li>• Rehabilitate orphans and vulnerable children through religious guidance and encouragements</li> </ul>												
<b>Workshop &amp; Conferences</b>	<p><u>2009, November</u> Participated in a Regional Energy Advisory Platform conference at Munyonyo resort in Kampala, Uganda organized by GIZ - REAP.</p> <p><u>2007, June</u> Participated in a five-day workshop on Establishment of fuel-wood plantation organized by the Nyayo Tea Zones development Corporation</p> <p><u>2005, June</u> Three day workshop on Child Act, Child participation and protection organized by the World Vision Kenya</p> <p><u>2005, August</u> One week workshop on Baseline line survey and transformational development indicators at Dallas Hotel Matuu, organized by World vision, Kenya</p>												
<b>Computers</b>	<p><b>Excellent in</b> (i) MS Word (ii) MS Excel (iii) MS Access (iv) MS PowerPoint</p> <p><b>Excellent in</b> (i) Statistical Package for the Social Sciences – SPSS (ii) Epi-Info (iii) Internet usage</p>												

**Publications**

Munyao, V., Karisa, J., **Munyao, C. M.**, Ngari M., Menza, N., Peshu, N., Rono, M., Mbogo, C., Mwangangi, J. (2020). **Surveillance of Culicine Mosquitoes in Six villages of Taita-Taveta County, Kenya, with Host Determinations from Blood-Fed Females.** *Journal of Medical entomology*, Vol 57, Issue 6, November 2020 pp 1972 – 1982, <https://doi.org/10.1093/jme/tjaa109> , June 2020.

**Munyao, C. M.**, Simiyu, G., Kiptoo, G. K., Chelal, J. K. (2017). **Household Air Pollution in Rural Western Kenya: A Major Public Health Challenge.** *IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* Vol. 11, Issue 7, July 2017.

**Munyao, C. M.**, Simiyu, G., Kiptoo, G. K., Chelal, J. K. (2017). **Exposure Levels To Fine Particulate Matter And Carbon Monoxide From Solid Biomass Fuel Use In Rural Western Kenya.** *Researchjournali's Journal of Public Health* Vol. 3, Issue 6, July 2017.

**Munyao, C. M.**, Munyao, M. N. (2016). **Insight of the Adoption Trends and Challenges Faced by Jatropha Farmers in Yatta District, Kenya.** *Journal of Environment and Earth Science* ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online) Vol.6, No.12, 2016

**Munyao, C. M.**, Muisu, F., Mbego, J., Mburu, F., Sirmah, P. (2013). **Influence of Land Size on Adoption of Jatropha Curcas in Yatta District, Kenya.** *Journal of Natural sciences Research* ISSN 2224-3186 (Paper) ISSN 2225-0921 (Online) Vol.3, No.4, 2013

**Munyao, C. M.**, Muisu, F., Mbego, J., Kiprutto, N. (2013). **Comparison of Jatropha Curcas Profitability to Selected Crops in Yatta District, Kenya.** *Journal of Economics and Sustainable Development.* ISSN 2222-1700 (Paper) ISSN 2222-2855 (Online) Vol.4, No.8, 2013

Kiprutto, N., **Munyao, C. M.**, Ngoriarita, O., Kangogo, M. & Kiage, E. (2012). **Tracing the Possible Root Causes for Fleeing Flamingos in Kenya's Lake Nakuru National Park.** *Journal of Natural sciences Research* ISSN 2224-3186 (Paper) ISSN 2225-0921 (Online) Vol.2, No.10, 2012 pp. 23 – 31

Kiprutto, N., Sitati, N., Ngoriarita, O., Akama, J., **Munyao, C. M.** (2012). **Impediments to Regional Tourism Development in Kenya's North Rift Region.** *International Journal of Business and commerce* ISSN: 2225-2436 Vol. 2, No. 4, 2012 pp. 39 – 50

**Munyao, C.M.**, Muisu, F., Mbego, J., (2013) **Factors influencing adoption of Jatropha curcas in Yatta District Kenya.** Masters Degree Thesis, University of Eldoret, School of Natural Resource Management , Department of Forestry and Wood Science, University of Eldoret, 2013

**Referees**

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