


## WAMBONGO C.S. RECHA: CV AS OF OCTOBER 2024

	<p><b>Wambongo C.S. Recha, Ph.D</b>            Bomet University College            School of Arts and Social Sciences (SASS),            Department of Geography, Environment and Development Studies (GEDS),            P. O. Box 701 - 20400            Cell-phone No:0734 978773            Email: <a href="mailto:recha@buc.ac.ke">recha@buc.ac.ke</a> OR <a href="mailto:cschika@yahoo.co.uk">cschika@yahoo.co.uk</a>            Websites: <a href="#">Charles SW Recha - Web of Science Core Collection</a> OR  <a href="https://orcid.org/my-orcid?orcid=0000-0002-9256-1854">https://orcid.org/my-orcid?orcid=0000-0002-9256-1854</a></p>
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### 1. EDUCATION

Year	Programme of Study	Institution
July 5 <sup>th</sup> 2013	Ph.D (Geography)	Kenyatta University, Kenya
Dec 14 <sup>th</sup> 2007	Master of Arts (Geography)	Kenyatta University, Kenya.
Oct 19 <sup>th</sup> 2001	B.Ed (Arts) – Geography, Kiswahili, Education	Kenyatta University, Kenya
Nov/Dec 1995	Kenya Certificate of Secondary Education (KCSE)	Musingu High School, Kakamega County, Kenya
Nov 1991	Kenya Certificate of Primary Education (KCPE)	Kakoyi Primary School, Kakamega North sub- County, Kenya

### 2. OTHER PROFESSIONAL TRAININGS/COURSES

Year/ Duration	Course title	Institution
Sept -Dec 2023	Training course on strengthening postgraduate supervision	DIGI-FACE Online training course
Aug 2 <sup>nd</sup> – Dec 31 <sup>st</sup> 2022	Training course for supervisors of doctoral candidates at the African Universities	Centre for Research on Evaluation, Science and Technology, Stellenbosch University, South Africa.
Jan 23 <sup>rd</sup> – 25 <sup>th</sup> 2019	Management of Office of Career Services	Kenya Education Management Institute (KEMI), Nairobi
January –Oct 2018	Nurturing a network of policy analysts for enhanced agricultural development and food security and nutrition	International Livestock Research Institute (ILRI), Nairobi Campus
Jan 23-26 <sup>th</sup> 2017	Translating science into policy and practice	AgriFoSe2030 Project, Nairobi.
June 12 <sup>th</sup> – July 2 <sup>rd</sup> 2015	Climate change and green low-carbon development	National Development and Reform Commission, Beijing (China)
Nov 2014 - Feb 2015	Soil and water conservation agriculture	The University of Queensland, Brisbane (Australia)
Oct 7 <sup>th</sup> – 13 <sup>th</sup> , 2012	E-learning network on integrated watershed management	Freie University, Berlin and Kenyatta University
February 2010 (24 course hours)	Learning ArcGIS Desktop	ESRI Training and Education (online)
April 7 <sup>th</sup> – 11 <sup>th</sup> 2008	Remote sensing and geographic information system	Kenya institute of Surveying and Mapping, Nairobi.

### 3. FIELD OF SPECIALIZATION

**Climatology:** Climate variability and drivers, vegetation-climate nexus, socio-cultural dynamics in climate change, climate change adaptation

### 4. WORK EXPERIENCE (ACADEMIC AND ADMINISTRATIVE)

May 2021- Present	Senior Lecturer of Geography, Bomet University College, Kenya
June 2024 – Present	Head, Quality Assurance and Data Management , Bomet University College, Kenya
Jan 2022 – May 2024	Head of Postgraduate Studies, Partnerships and Linkages, Bomet University College, Kenya.
June 2019-March 2021	Director, Directorate of International Linkage and Career Services, Egerton University, Kenya
June 2014-May 2019	Chair, Department of Geography, Egerton University, Kenya
Sept 2011-April 2021	Lecturer, Department of Geography, Egerton University, Kenya.
2013- 2014	Examination Officer, Department of Geography, Egerton University, Kenya.
2010- 2011	Assistant Lecturer, Department of Arts and Humanities, Chuka University College. Kenya.
2007-2009	Project Assistant, IWMNet Project – Kenyatta University, Kenya.
2006-2007	Research Assistant, Dept of LARMAT, University of Nairobi, Kenya.
<b>Other appointments and achievements</b>	
Oct 2023 – present	Chairperson, Graduate Studies Committee, Bomet University College
Aug 2023 – present	Chairperson, Productivity Mainstreaming Committee, Bomet University College
June 2022	<b>Member</b> , Statutes Committee, Bomet University College
July 2021	<b>Member</b> , Ad-hoc Committee on admission and orientation of 1 <sup>st</sup> year students, 2021 cohort.
Sept 2020	<b>Chair</b> , Sub-Committee to develop the Egerton University Academic Advising Policy, Egerton University
Sept 2020	<b>Member</b> , Baseline survey on the ‘ <i>status of alcohol, drug and substance abuse among employees of Egerton University</i> ’, Egerton University.
July 2019- March 2021	<b>Member</b> , Implementation Committee, <i>Transforming African Agricultural Universities to meaningfully contribute to Africa’s Growth and Development (TAGDev)</i> , Egerton University
April 2018 – March 2021	<b>Member</b> Graduation Committee and <b>Chair</b> – Sub-committee of Entertainment and Communication, Egerton University
March – Sept, 2014	Faculty Representative to Board of Postgraduate Studies
Feb 2013 - 2014	Faculty Representative to Show and Exhibition Committee
April 2013 – June 2014	Departmental Examination Officer, Department of Geography.
2012-2014	<b>Chief Editor</b> , Quarterly Newsletter of the Faculty of Environment and Resources Development
Oct 2001-Mar 2002	Intern, Kenya Meteorological Department
Dec 2002	Deputy Presiding Officer, Electoral Commission of Kenya
June - Aug 1997	Registration Clerk, Electoral Commission of Kenya.

## 5. KEY RESEARCH PROJECTS AND AWARDS

Nov 2023	<i>HewaSafi Project: Installation of Community Air Quality Monitors in Bomet and Nairobi Counties - A collaboration of Kenya Meteorological Department, Swiss Academy of Sciences and Bomet University College.</i>
Jan – Dec 2019	Consultancy in “ <i>enhance the capacity of recent PhD graduates to undertake policy relevant research and analysis and disseminate their work to the policy making community in support of agriculture and food security in Kenya</i> ”, ILRI – Nairobi Campus
Jan- Oct 2018	Consultancy in “ <i>Research to Inform Agricultural and Food Security Policy in Kenya</i> ”, ILRI Nairobi Campus
March and October 2018	Consultancy in “ <i>Irrigation and Water Resource Management</i> ”; a short course for Australia Africa Award Fellows, University of Queensland, Australia
March-June 2018	CV Raman Visiting Fellowship for African Researchers: School of Environmental Science at Jawaharlal Nehru University (JNU), India. <i>Analysis of Meteorological Drought in Semi-arid Eastern Kenya for the period 1973-2013</i>
March-July 2017	<i>Resilient Pastoralism: Towards Sustainable Futures in Rangelands (GCRF 2016-17): A collaboration of Leicester University (UK), Egerton University(Kenya), Indigenous Livelihood Enhancement Programme –Kenya and Mongolian Academy of Science</i>
Nov 2016 – April 2017	Post-doctoral Fellow, AGRIFOSE 2030 Project, University of Lund, Sweden: <i>Local and Regional variations in conditions for agriculture and food security in Kenya</i>
2014/2015	Australia Africa Award Fellowship: <i>Soil and Water Conservation: Australia and Ethiopia Component</i> , Nov 2014 – Feb 2015, University of Queensland, Australia.
Jan-Aug 2012	Research Project: <i>Promoting Geographic Research (Climate change and adaptation)</i> in Moi Amalo Secondary School, Nakuru. A project of the French Embassy in Kenya
2010/2012	Research Project: <i>Evaluation of rain water harvesting and conservation techniques among smallholder farmers in semi-arid eastern kenya</i> . Young Reseachers Grant No. S/4947-, International Foundation for Science, 12 months
Feb 2008	PhD Fellow: Siegen University, Germany
2008- 2010	PhD Research Fellow: Integrated Watershed Management (IWMNET) – A project of Siegen University and Kenyatta University
2009/2010	Doctoral Research Fellowship: <i>An assessment of potential climate impacts and associated vulnerabilities at the household level: livelihoods and water in the semi-arid Tharaka district</i> , International Crop Research Institute for the Semi-Arid Tropics (ICRISAT) – Bamako- Mali '(sponsored by START/IDRC: ACCFP, Washington, USA, 12 months)
2006-2007	Research Project: <i>Making the best of climate- adapting agriculture to climate variability: case of semi-arid Kenya</i> , ASARECA Funded Project, University of Nairobi, Kenya.
2006-2008	AFRINT II Project on Household maize circulation and marketing in Kenya, a project of Lund University and Kenyatta University.

## 6. PUBLICATIONS

Sr. No	Project Report (Published)
1	<b>Recha, C.W.</b> 2018. Local and regional variations in conditions for agriculture and food security in Kenya. <i>AgriFoSe2030 report 7</i> , 2018. ISBN: 978-91-576-9568-0. <a href="#">286377801.pdf (core.ac.uk)</a>
<b>Briefs/ Short communication</b>	

2	<b>Recha, C.W.</b> 2018. Drought in Eastern Kenya: What this means for drought management. An AgriFoSe 2030/ ILRI Policy Brief. <a href="https://www.slu.se/globalassets/ew/org/andra-enh/uadm/global/agrifose/outputs/briefs/ilri/dr.-charles-w.-recha-brief-october-2018.pdf">https://www.slu.se/globalassets/ew/org/andra-enh/uadm/global/agrifose/outputs/briefs/ilri/dr.-charles-w.-recha-brief-october-2018.pdf</a>
3	<b>Recha, C.W.</b> 2018. Local and regional variations in conditions for agriculture and food security in Kenya. <i>An AgriFoSe2030 Brief</i> . <a href="https://www.slu.se/globalassets/ew/org/andra-enh/uadm/global/agrifose/outputs/briefs/agriifose-brief-food-security-kenya.pdf">https://www.slu.se/globalassets/ew/org/andra-enh/uadm/global/agrifose/outputs/briefs/agriifose-brief-food-security-kenya.pdf</a>
<b>Book Chapters</b>	
4	<b>Recha, C.W.,</b> Kibue, G.W., Dimri, A.P.2022. Meteorological droughts in semi-arid Eastern Kenya. In Victor Ongoma and Hossein Tabari (Eds), <i>Climate Impacts on Extreme Weather: Current to future changes on a local to global scales</i> , Elsevier: Amsterdam. pp 145-158. <a href="https://elsev.spi-global.com/books/EComp/ONGOMA978-0-323-88456-3/1/OTc4LTAtMzIz/index.php?Type=E">https://elsev.spi-global.com/books/EComp/ONGOMA978-0-323-88456-3/1/OTc4LTAtMzIz/index.php?Type=E</a>
5	Ochieng, R., <b>Recha, C.,</b> Bebe, B.O. 2021. Living with climate change in ASALs: integrating scientific forecasts with indigenous knowledge. In Walter Leal Filho, Johannes M Luetz, and Desalegn Ayal (Eds), <i>Handbook of Climate Change Management</i> (pp 2-24) <a href="https://doi.org/10.1007/978-3-030-22759-3_240-1">https://doi.org/10.1007/978-3-030-22759-3_240-1</a>
6	<b>Recha, C.W.</b> 2019. Regional Variations and Conditions for Agriculture in Kenya. In Prathamesh Gorawala and SrushtiMandhatri (Ed), <i>Agricultural Research Updates</i> Vol 26, pp 169-216 ISBN: 978-1-53614-931-9(eBook), ISSN 2160-1739. <a href="https://novapublishers.com/shop/agricultural-research-updates-volume-26/">https://novapublishers.com/shop/agricultural-research-updates-volume-26/</a>
7	Bebe, B.O., Sarah, C.M., <b>Recha, C.,</b> Ochieng, R., Riamit, S., Upton, C.2017. Resilient Pastoralism: Towards Sustainable Futures in Kenyan Rangelands. In N. Gueye, A. Ndeso-Atanga (Eds.), <i>Sustainable Pastoralism and Rangelands in Africa</i> , pp: 36-39. Accra, Nature and Fauna (of) FAO, Vol 31(2). ISSN 2026-5611. <a href="http://www.fao.org/africa/resources/nature-faune/en/">http://www.fao.org/africa/resources/nature-faune/en/</a>
<b>Journal Articles</b>	
8	Kenduiwa, A., <b>Recha, C.W.,</b> Mwonya, R.A., Olubandwa, A. 2024. Extent of Adoption of Selected Climate smart Agricultural Practices among Smallholder Farmers in Laikipia County, Kenya. <i>International Journal of Environment and Climate Change</i> Vol 14 (9), 112-123. DOI: <a href="https://doi.org/10.9734/ijecc/2024/v14i94397">https://doi.org/10.9734/ijecc/2024/v14i94397</a>
9	Kenduiwa, A., Kinuthia, L.N., <b>Recha, C.W.,</b> Mwonya, R.A (2024). Contribution of Climate-Smart Agricultural Practices on Food Availability among Smallholder Farmers in Laikipia County, Kenya. <i>Rigorous Journal of Research and Development</i> Vol. 2(6), 34-42. DOI: <a href="https://doi.org/10.70255/RJRD/v2i6/105">https://doi.org/10.70255/RJRD/v2i6/105</a>
10	Cherono, A., <b>Recha, C.W.</b> 2024. Vulnerability to climate change from the Kenyan perspective. <i>Open Access Library Journal</i> , 11: e11874. <a href="https://doi.org/10.4236/oalib.111187">https://doi.org/10.4236/oalib.111187</a>
11	<b>Recha, C.W.,</b> Mulalu, W. 2023. Ethical considerations in authorship and postgraduate supervision in Universities in Kenya. <i>Journal of Education and Practice</i> 14 (15), 26-33. DOI: 10.7176/JEP/14-15-03. <a href="https://www.iiste.org/journals/JEP/14-15-03/Ethical_Considerations_in_Authorship_and_Postgraduate_Supervision_in_Universities_in_Kenya_Recha_Journal_of_Education_and_Practice">Ethical Considerations in Authorship and Postgraduate Supervision in Universities in Kenya   Recha   Journal of Education and Practice (iiste.org)</a>
12	Mwendandu, I.W., Rithaa, J.N., <b>Wambongo, C.S.R.</b> 2023. Socio-Economic Determinants for Adoption of Adaptation Strategies to Climate Change and Variability among Smallholder Farmers in Igambang'ombe, Sub-County, Kenya. <i>American Journal of Environment and Climate</i> 2 (3), 51-60. DOI: <a href="https://doi.org/10.54536/ajec.v2i3.1786">https://doi.org/10.54536/ajec.v2i3.1786</a>
13	Ondiko, H.J., <b>Recha, C.W.</b> 2022. Global Sorghum Production Constraints: A Review. <i>Annals of Arid Zones</i> 61(1), 1-12.

14	Areri, V.M., Obulinji, H.W., <b>Recha, C.W.</b> 2022. Smallholder farmers' practice and perception of organic farming in Kisii Central sub-county, Kisii County, Kenya. <i>IOSR Journal of Agriculture and Veterinary Science</i> 15 (12), 33-43. DOI: 10.9790/2380-1512023343
15	Areri, V.M., Obulinji, H.W., <b>Recha, C.W.</b> 2022. Influence of smallholder farmers socio-economic characteristics on and perceived benefits of organic agriculture farming. <i>International Journal of Innovative Research and Development</i> 11(12). DOI No.: 10.24940/ijird/2022/v11/i12/DEC22008
16	Charzyn'ski, P., Urbanska, M., Gapra, G.F., Ganga, A., Holmes, P., Szulczewski, M., Baatar, U., Boularbah, A., Bresilla, B., Gacovean, H., Datta, A., Gadsby, H., Gargouri, K., Gebregeorgis, E.G., Giani, L., Grover, S., Juliev, M., Kasparinskis, R., Kawahigashi, M., Kellermann, L.A., Kim, K.J., Krotka, L., Kukuls, I., Kunchulia, I., Laaouidi, Y., Leglize, P., Mouketou-Tarazewicz, D., Mugagga, F., Novak, T.J., Ortiz, J., Osuna-Callejo, V., Penizek, V., Tomov, P., Prokofeva, T., Pulido, M., <b>Recha, C.W.</b> , Rentam, E., Repe, B., Sahin, S., Salehi, M.H., Badjo, T.D., Teperics, K., Tomrmanen, T., Tsyrybka, V., Vaisvalavicius, R., Vezzani, F. and Zhang, S. 2022. A global perspective on soil science education at third educational level; knowledge, practice, skills and challenges. <i>Geoderma</i> 425, 116053. <a href="https://doi.org/10.1016/j.geoderma.2022.116053">https://doi.org/10.1016/j.geoderma.2022.116053</a>
17	Manetu, W.M., M'masi, S. and <b>Recha, C.W.</b> 2021. Diarrhea disease among children under five years of age: A global systematic review. <i>Open Journal of Epidemiology</i> 11, 207-221. <a href="https://doi.org/10.4236/ojepi.2021.113018">https://doi.org/10.4236/ojepi.2021.113018</a>
18	<b>Recha, C.W.</b> 2020. The place of a social-cultural environment in a climate change discourse. In <i>Geography Notebooks</i> 3(2), 167-181. DOI: <a href="https://doi.org/10.7358/gn-2020-002-rech">https://doi.org/10.7358/gn-2020-002-rech</a>
19	Mwatu, M.M., <b>Recha, C.W.</b> , and Ondimu, K.N. 2020. Assessment of Knowledge Co-production in Adaptation to Rainfall Variability in Kitui South Sub-county, Kenya. <i>Asian Journal of Agricultural Extension, Economics and Sociology</i> 38(5), 87-97. DOI: 10.9734/AJAEES/2020/v38i530350
20	Mwatu, M.M., <b>Recha, C.W.</b> , and Ondimu, K.N. 2020. Assessment of Livelihood Vulnerability to Rainfall Variability among Crop Farming Households in Kitui South Sub-County, Kenya. <i>Open Access Library Journal</i> Vol 7: e6317. <a href="https://doi.org/10.4236/oalib.1106317">https://doi.org/10.4236/oalib.1106317</a>
21	Masesi, G.K., Wambugu, S.K., <b>Recha, C.W.</b> 2018. Socio-economic factors influencing utilization of seasonal climate forecast among smallholder farmers in semi-arid Lower Eastern Kenya: A case of Masinga sub-County. <i>Journal of Environment and Earth Science</i> 8(9), 86-90. <a href="https://www.iiste.org">https://www.iiste.org</a>
22	Koskei, C.E., Kitetu, J.J., <b>Recha, C.W.</b> 2018. Analysis of spatial variability in rainfall trends in Baringo County, Kenya. <i>African Journal of Environmental Science and Technology</i> 12 (9), 294-304. DOI: 10.5897/AJEST2016.2214
23	Karanja, A., Ondimu, K., <b>Recha, C.</b> 2018. Effect of 2009 Drought on Household Livelihoods in Laikipia West Sub-County, Kenya. <i>Annals of Arid Zones</i> 57 (1&2), 53-60. <a href="https://epubs.icar.org.in/index.php/AAZ/article/view/81096">https://epubs.icar.org.in/index.php/AAZ/article/view/81096</a>
24	Ochieng, R., <b>Recha, C.W.</b> , Bebe, B.O., Ogendi, G.M 2017. Rainfall Variability and Droughts in the Drylands of Baringo County – Kenya. <i>Open Access Library Journal</i> , 4: e3827. <a href="https://doi.org/10.4236/oalib.1103827">https://doi.org/10.4236/oalib.1103827</a>
25	Ochieng, R., <b>Recha, C.W.</b> , Bebe, B.O. 2017. Enabling Conditions for Improved Use of Seasonal Climate Forecast in Arid and Semi-Arid Baringo County – Kenya. <i>Open Access Library Journal</i> , Vol 4: e3826. <a href="https://doi.org/10.4236/oalib.1103826">https://doi.org/10.4236/oalib.1103826</a>
26	<b>Recha, C.W.</b> , Makokha, G.L., Shisanya, C.A. 2017. Climate variability and causes: from the perspective of the Tharaka people of Eastern Kenya. <i>Geoscience Letters</i> 4, 22 DOI: 10.1186/s40562-017-0088-1.

27	<b>Recha, C.W.</b> 2017. Is Climate Change a problem in semi-arid Eastern Kenya? <i>Journal of Geography, Environment and Earth Science International</i> JGEES1. 35259. ISSN: 2454-7352. DOI: 10.9734/JGEESI/2017/35259
28	<b>Recha, C.W.</b> , Makokha, G.L., Shisanya, C.A., Mukopi, M. N. 2017. Climate Variability: Attributes and Indicators of Adaptive Capacity in Semi-arid Tharaka sub-County, Kenya. <i>Open Access Library Journal</i> 4,e3505. DOI: <a href="http://dx.doi.org/10.4236/oalib.1103505">http://dx.doi.org/10.4236/oalib.1103505</a> .
29	Karanja, A., Ondimu, K., <b>Recha, C.</b> 2017. Analysis of Temporal Drought Characteristics Using SPI Drought Index Based on Rainfall Data in Laikipia West Sub-County, Kenya. <i>Open Access Library Journal</i> Vol 4: e3765. <a href="https://doi.org/10.4236/oalib.1103765">https://doi.org/10.4236/oalib.1103765</a>
30	Karanja, A., Ondimu, K. and <b>Recha, C.</b> 2017. Factors Influencing Household Perceptions of Drought in Laikipia West Sub County, Kenya. <i>Open Access Library Journal</i> , 4: e3764. <a href="https://doi.org/10.4236/oalib.1103764">https://doi.org/10.4236/oalib.1103764</a>
31	Koskei, E.C., Jackson, J.K., <b>Recha, C.W.</b> 2016. Adoption of Rainwater Harvesting Technologies as an Adaptation Strategy to Climate Variability in Baringo County, Kenya. <i>Scholars Journal of Arts, Humanities and Social Sciences</i> 4(5B), 583-592. ISSN 2347-5374. <a href="http://saspijournals.com/sjahss">http://saspijournals.com/sjahss</a>
32	Maoncha, M.R., Obwoyere, G.O., <b>Recha, C.W.</b> , Nakhone, L.W. 2016. Response Strategy by agro-pastoral farmers to effects of climate variability in Laikipia West Sub-County, Kenya. <i>British Journal of Applied Science and Technology</i> 16(5), 1-13. ISSN: 2231-0843. DOI: <a href="https://doi.org/10.9734/BJAST/2016/27227">10.9734/BJAST/2016/27227</a>
33	Mwatu, M.M., <b>Recha, C.W.</b> , Kumba, J.K. 2016. Perception of seasonal climate forecast information among smallholder farmers in semi-arid southeastern Kenya: a case of Voi sub-County. <i>Journal of Environment and Earth Science</i> 6(4),60-63. ISSN 2224-3216
34	<b>Recha, C.W.</b> , Mukopi, N. M., Otieno, J. 2015. Socio-economic determinants of adoption of rainwater harvesting and conservation techniques in semi-arid Tharaka sub-county, Kenya. <i>Journal of Land Degradation &amp; Development</i> 26, 765-773. <a href="https://doi.org/10.1002/ldr.2326">https://doi.org/10.1002/ldr.2326</a>
35	<b>Recha, C.W.</b> , Shisanya, C.A., Anyamba, A., Okolla, J. 2014. Determinants of seasonal rainfall and forecast skills in semi-arid South-east Kenya. <i>Journal of Geographic Association of Tanzania</i> ,34(1-2), 1-13. <a href="http://journals.udsm.ac.tz/index.php/jgat/article/view/654">http://journals.udsm.ac.tz/index.php/jgat/article/view/654</a>
36	Ochieng, R., Wegulo, F.N., Mironga, J.M., <b>Recha, C.W.</b> 2014. Characterization of rainfall variability in Kwale County, Kenya. <i>Journal of Environment Natural Resources Management and Society(JENRS)</i> 24- 40. ISSN:2079-8237
37	<b>Recha, C.W.</b> , C.A Shisanya, P.S. Traore, G.L. Makokha , T. Lodoun , A. Sako. 2012. Determination of seasonal rainfall variability, onset and cessation in semi-arid Tharaka district, Kenya. <i>Journal of Theoretical &amp; Applied Climatology</i> 108, 479-494. DOI 10.1007/s00704-011-0544-3
38	Shisanya, C.A., <b>Recha, C.W.</b> , and Anyamba, A. 2011. Rainfall variability and its impact on normalized difference vegetation index in arid and semi-arid lands of Kenya. <i>International Journal of Geosciences</i> 2,36-47.Doi:10.4236/ijg.2011.21004 ( <a href="http://www.SciRP.org/journal/ijg">http://www.SciRP.org/journal/ijg</a> )
39	<b>Recha, C.W.</b> , Shisanya, C.A., Makokha, G.L., Ngugi, R.K. 2008. Perception and use of climate forecast information amongst smallholder farmers in semi-arid Kenya. <i>Asian Journal of Applied Sciences</i> 1 (2),123-135. DOI: <a href="https://doi.org/10.3923/ajaps.2008.123.135">10.3923/ajaps.2008.123.135</a>
40	Shisanya, C.A; <b>Recha, W</b> ; Makokha, G.L; Mutisya, D.N; Okolla, J; Anyamba, A. 2005. Exploring the possibility to predict south-east Kenya Normalized Difference Vegetation Index (NDVI) using seasonal climate forecast. <i>European Journal of Scientific Research</i> 12(1), 276-287). ISSN: 1450-216X. <a href="http://www.ejournals.org/ejournals/view.php?id=123">European Journal of Scientific Research</a>

### Contributions in Other published works

Sr. No.	Reference	Role
1	Jaetzold, R., Schmidt, H., Hornetz, B., Shisanya, C. 2012 (2 <sup>nd</sup> Ed). Farm Management Handbook of Kenya, Vol II: Natural conditions and farm Management Information, Part C, East Kenya, Sub-Part C2, <b>Coast Province</b> . Ministry of Agriculture, Nairobi.	An acknowledged data analyst
2	Jaetzold, R., Schmidt, H., Hornetz, B., Shisanya, C. 2011 (2 <sup>nd</sup> Ed). Farm Management Handbook of Kenya, Vol II: Natural conditions and farm Management Information, Part B, Central Kenya, Sub-Part B1b, <b>Northern Rift Valley Province</b> . Ministry of Agriculture, Nairobi.	An acknowledged data analyst
3	Jaetzold, R., Schmidt, H., Hornetz, B., Shisanya, C. 2010 (2 <sup>nd</sup> Ed). Farm Management Handbook of Kenya, Vol II: Natural conditions and farm Management Information, Part B, Central Kenya, Sub-Part B1a, <b>Southern Rift Valley Province</b> . Ministry of Agriculture, Nairobi.	An acknowledged data analyst
4	Jaetzold, R., Schmidt, H., Hornetz, B., Shisanya, C. 2009 (2 <sup>nd</sup> Ed). Farm Management Handbook of Kenya, Vol II: Natural conditions and farm Management Information, Part A, West Kenya, Sub-Part A2, <b>Nyanza Province</b> . Ministry of Agriculture, Nairobi.	An acknowledged data analyst
5	Commonwealth Forestry Association. 2010. <i>Commonwealth forests: an overview of the Commonwealth's Forest resources</i> .	An acknowledged research assistant

### 7. POSTGRADUATE SUPERVISION (To completion)

1.	Vivian M. Areri, <b>MSc.</b> , NM13/03574/13, Egerton University, <i>Smallholder farmers' perception on adoption of farming practices in Kisii Central sub-County, Kenya</i> . Graduated October 27 <sup>th</sup> , 2023 – 47 <sup>th</sup> Graduation)
2.	Merculine Rabera Maoncha, <b>MSc.</b> , NM11/3062/11, Egerton University, <i>Effects of perceived climate variability on provisioning of ecosystem services among agro-pastoral systems of Laikipia West Sub-County, Kenya</i> (Graduated December 17 <sup>th</sup> , 2021 – 44 <sup>th</sup> Graduation)
3.	Morris. M. Mwatu, <b>PhD</b> , ND13/13069/17, Egerton University, <i>Effects of rainfall variability and Households' adaptation on livelihood vulnerability in Kitui South sub-County, Kenya</i> (Graduated on June 18 <sup>th</sup> 2021 – 43 <sup>rd</sup> Graduation)
4.	Irene W. Mwendandu, <b>MSc.</b> , NM11/4752/11, Chuka University. <i>Perception and socio-economic determinants for adoption of adaptation strategies to climate change and variability among smallholder farmers in Igambang'ombe, sub-County, Kenya</i> . (graduated December 18 <sup>th</sup> , 2020).
5.	Leonidas M. Oyigo, <b>MA.</b> , Reg. AM15/19013/14, Chuka University. <i>Prevalence of Hazards, effects and adaptation strategies to climate change in Malindi Town, Kilifi County, Kenya</i> (graduated December 18 <sup>th</sup> , 2020).
6.	Gideon Kyalo Masesi, <b>MSc.</b> , Reg. No. AM15/19006/14, Chuka University. <i>Access and Utilization of Seasonal Climate Forecast among Smallholder Farmers in Masinga Sub-County, Machakos County, Kenya</i> (graduated October 18, 2019)
7.	Richard Ochieng, <b>Ph.D.</b> , Reg. No.: ND13/0452/14, Egerton University, <i>Vulnerability and</i>

*adaptation of pastoralists to drought through better access and utilization of seasonal climate forecasts in arid and semi-arid Baringo County, Kenya*(graduated June 15, 2018).

8. Amon Karanja. **Ph.D.** Reg. No. ND13/51528/14. *Drought effects on household livelihoods and adaptation strategies in Laikipia West sub-county, Kenya*(graduated June 15, 2018)

9. Morris M. Mwatu., **M.Sc.**, Reg. No. NSM13/3754/14, Egerton University. *An assessment of the effectiveness of seasonal climate forecast in agricultural decision-making in semi-arid south eastern Kenya* (graduated June 16, 2017)

10. Edna C. Koskei. **Ph.D.** Reg. No. GDES/M/1198/09/13, Kabarak University. *Effects of rainfall variability and use of rainwater harvesting techniques on household access to water in Baringo County, Kenya* (graduated December 16, 2016, Kabarak University)

## 8.0 APPOINTMENTS AS AN EXTERNAL EXAMINER

Date	Description	University
August 2024	MSc Thesis: “ <i>Assessment of woody plant species diversity in agroforestry systems of savannah area: a case study of Isingiro district, Uganda.</i> ” Stella Ndagire (158/41654/2021).	The University of Nairobi, Faculty of Science and Technology
April 2024	MSc. Thesis: <i>Land use effects on spatial and seasonal variations of water quality in Thika River sub-catchment, Upper Tana Basin, Kenya</i> (M/TH/042/2024 – Joanes Ooko Ondero)	Kenyatta University, Department of Geography.
Jan 2023 – Dec 2027	External Examiner, Geography	University of Eldoret, School of Arts and Human Development, Department of Humanities
Oct 2023 – Aug 2026	External Examiner, Geography	University of Kabanga, School of Education, Arts & Social Sciences.
Sept 2023	MA Thesis (Internal Examiner): <i>Household food insecurity and coping strategies in Kakamega County, Kenya</i> (DGS/GEO/G/001/2020 – Timothy A. Masai)	Kaimosi Friends University Department of Social Sciences (Geography)
Sept 2023	MSc Thesis (External Examiner): <i>Prioritization of soil erosion prone areas based on morphometric and landuse/ land cover parameters in River Thiririka watershed, Kiambu, Kenya.</i> (M/TH/112/2023 – Inyele Juliet)	Kenyatta University, Department of Geography
Aug 2023	MSc Thesis (External examiner): <i>Assessment of waste management during football Kenya Federation Premier League Games</i> (A60/35142/2019 – Francis Waweru)	University of Nairobi, Department of Earth and Climate Sciences
Aug 2023	MSc Thesis: <i>Assessment of the impacts of legal pluralism in conserving water towers in Kenya: A case study of Maasi Mau water tower.</i> (A60/31234/2019 – Ntialei D. Sironga )	University of Nairobi, Department of Earth and Climate Sciences
July 2023 – June 2024	External Examiner (Geography)	Kibabii University, Department of Social Sciences.
May 2023	PhD Thesis (External Examiner): <i>Climate variability and malaria transmission trends in different altitudes of lower Lake Victoria Basin, Kenya</i> (PHD_072_2023)	Kenyatta University, Department of Geography
Oct 2022 – Oct 2025	External Examiner (Geography)	Kaimosi Friends University, Department of Social Sciences (Geography)
Sept 2021	MA thesis: <i>Seasonal rainfall variability effects on maize yields and smallholder farmers’ adaptive strategies in Nyeri county</i> (164-2021).	Kenyatta University, Department of Geography.
Sept 2021	MA Thesis: <i>Spatial variation in adoption and intensity of dairy goat farming in Nyeri County, Kenya</i> (Stephen	Chuka University, Department of Arts and Social Sciences



	Mureithi Wachira, AM15/19170/15)	
July 2021	PhD thesis: <i>Effects of land-use change and rainfall variability on hydrological characteristics of River Ruiru watershed, Kiambu County, Kenya</i> (023_2021)	Kenyatta University, Department of Geography.
Aug 2019	MSc. Thesis: <i>Impact of climate variability and change on Irish potato production in Kigezi Highlands of Uganda</i> (Irene Namanda – 2016/HD02/209U)	Makerere University
Aug 2019	MA Thesis: <i>Spatial-Temporal Integration of Periodic Markets in Tharaka-Nithi County, Kenya</i> (Nkoroi Medrine Cirindi - AM15/19009/14)	Chuka University, Department of Arts and Social Sciences
Sept 2018	MA Thesis: <i>Climate Variability and Adaptive Capacity of Mixed Livestock Farmers in Embu East Sub-County, Embu County, Kenya</i> (Linus Mugendi Ileri - AM15/017977/14)	Chuka University, Department of Arts and Social Sciences
Aug 2018	MA Thesis: <i>Analysis of the Drivers and Extent of Crop Diversification in Meru County, Kenya</i> (Ann Kirigo Kungania AM15/03636/10)	Chuka University, Department of Arts and Social Sciences
Aug 2018	MSc Thesis: <i>Impact of Upstream Oil and Gas Activities on Environment, Human Well-being and Tourism in the Albertine Region of Uganda: Local Community Perspectives</i> (Dianah Nnakayima)	Makerere University
Mar 2018	PhD Thesis: <i>Constraints and opportunities in banana value chain influencing farmers' choice of methods of banana management and marketing in Meru County, Kenya</i> (Susan Mbuthia - C82/20950/2010)	Kenyatta University, Department of Geography.

## 9. EDITORIAL WORK

2014-2021: Associate Editor Egerton Journal of Science and Technology

2017-2021: Academic Editor, Current Journal of Applied Science and Technology

Reviewer:

- African Scientific African March 30<sup>th</sup> 2024
- Cogent Social Science, August 21<sup>st</sup>, 2023
- PLOS Climate, March 2023
- Frontiers in Sustainable Food Systems, March 2023
- Weather and Climate Extremes, June 2021
- Journal of Climate Change and Sustainability (JCCS), June 2021
- Journal of Meteorology and Related Sciences (JMRS), June 2021
- Journal of the Kenya National Commission for UNESCO, June 2021
- Meteorology and Atmospheric Physics, June 2018
- Land Degradation and Development, November 21, 2017
- Theoretical and Applied Climatology, August 2017
- Journal of Experimental Agriculture International, 2017
- Agricultural Water Management, 2017
- International Journal of Climatology 2016
- Journal of Arid Land Research and Management – 2016

- Journal of Global Agriculture and Ecology - 2015
- Journal of Hydrological Engineering - 2015
- International Journal of Climate Change: Impacts and Responses– 2015

#### 10. COURSES I AM CURRENTLY TEACHING

GEO 910: History and Philosophy of Geography

GEO 911: Advanced Research Methods

GEO 924: Hydrology, Watershed Management and Water Harvesting

GEO 421: Geography of Africa

GEO 414: Applied Climatology

GEO 310: Climatology

GEO 314: Research Methods and Field Course in Geography

GEO 224/416: Hydrology and Watershed Management

BGS 110: History and Philosophy of Geography

BGS 111: Introduction to Political Geography

BGS 220/GEO 316: East African Environments/Geography of Kenya and East Africa

#### 10. CONFERENCE PAPER PRESENTATIONS

- Recha, C.W. 2024.** Key note speaker on “*Spatial variation in technology for strategic minerals and climate change mitigation: A review*”. The 14<sup>th</sup> Kabarak University International Research Conference in Humanities and Social Sciences, October 17<sup>th</sup> 2024.
- Recha, C.W. 2024.** Panelist for the sub-Theme *Environment, climate change, sustainable development and women economic empowerment*. The 2<sup>nd</sup> International Conference on Women’s Economic Empowerment (KU-WEE HUB)Conference. July 24<sup>th</sup> -26<sup>th</sup> 2024, Kenyatta University.
- Recha, C.W., Kibue, G.W., Dimri, A.P. 2022:** Meteorological droughts in semi-arid Eastern Kenya. The 2<sup>nd</sup> Bomet University College International Conference, Nov 29<sup>th</sup> – 30<sup>th</sup> 2022, Bomet University College.
- Recha, C.W. 2018.** Droughts in Eastern Kenya: What it means for drought management. Sept 25, 2018: Pan Africa Hotel, Nairobi
- Recha, C.W., Makokha, G.L., Shisanya, C.A. 2017.** Is Climate Change a problem in semi-arid Eastern Kenya? March 29-31, 2017: 11<sup>th</sup> International Annual Conference, Egerton University, Kenya
- Recha, C.W., Mukopi, N. M., Otieno, J. 2015.** Socio-economic determinants of adoption of rainwater harvesting and conservation techniques in semi-arid Tharaka sub-county. March 26-28, 2014: International Annual Conference, Egerton University, Kenya
- Recha, C.W., C.A Shisanya, P.S. Traore, G.L. Makokha, T. Lodoun, A. Sako. 2012.** Determination of seasonal rainfall variability, onset and cessation in semi-arid Tharaka district, Kenya. Feb 20-23, 2012: PIVREVAT Workshop of Agence Nationale de la Recherche held at Izaak Walton Inn, Embu, Kenya

- Recha, C.W.** 2011.Effects of rainfall variability on livelihoods and water and state of adaptive capacity in semi-arid Tharaka district, Kenya. Sept 25, 2011: Final Research Workshop, EU-IWMNET , Esella Country Hotel, Kampala, Uganda
- Recha.C.W.** 2011.Water Resources: Access and institutional adaptation to climate variability in semi-arid Eastern Kenya.March 14-17, 2011: Lake and Catchment Research symposium, Kenyatta University Conference Centre, Nairobi, Kenya.
- Recha, C.W.,**Shisanya, C.A., Traore, S. Makokha, G.L. 2011.Attributes of Adaptive Capacity in semi-arid Eastern Kenya.March 9-12, 2011: *Africa Adapt* Symposium: Linking Climate Research, Policy and Practice for African-led Development, United Nation Conference Hall, Addis Ababa, Ethiopia
- Recha, C.W.,**Makokha, G.L., Traore, S., Shisanya, C.A. 2011.Recha., Rainfall variability and adaptive capacity in semi-arid Tharaka district, Kenya. Dec 6-10, 2010: ACCFP Writeshop and Culmination Conference 1. Le Meridian President Hotel, Dakar, Senegal.

## 11. WORKSHOPS/SEMINARS/CONFERENCES ATTENDED

- April 8<sup>th</sup> 2022: Research Proposal Writing and Grantsmanship, Bomet University College, Bomet.
- March 31<sup>st</sup>, 2022: Research and Publication workshop, Bomet University College, Bomet.
- Nov 26 -29, 2019: FICCI Higher Education Summit 2019 being held at VigyanBhawan, **New Delhi, India**
- November 27-28, 2018: Research to Inform Agricultural and Food Security Policy and Practices in Kenya, Emory Hotel, **Nairobi, Kenya**
- July 23-25, 2018, Feb 19 – 21, 2018: Training Workshop on Research to Inform Agricultural and Food Security Policy in Kenya, **ILRI Nairobi Campus**
- Jan 23-28, 2017: Training Course in Translating Science into Policy and Practice, AgriFoSe 2030 Project, **Nairobi, Kenya**
- June 12-July 3, 2015: Climate Change and Green Low-Carbon Development, **Beijing, China.**
- March 26-28, 2014: International Annual Conference, **Egerton University, Kenya**
- June 21-July 2, 2013: E-Learning Learning Network Integrated Watershed Management: Content Development, **Almaty, Kazakhstan, Central Asia**
- May 28 –June 1, 2012: AuthorAID – IFS Workshop on Scientific Writing at the African Academy of Sciences, **Nairobi, Kenya**
- May 4-5, 2011: Pedagogical Seminar, Chuka University College, **Chuka, Kenya.**
- June 7-8, 2010: PRACTICAL ACTION ET AL: National Workshop: Informing adaptation to climate change among pastoralist communities in Northern Kenya, **Nairobi, Kenya.**
- June 25-July 1, 2010: START/Pan-African START: Education, Capacity Building and Climate Change: A strategy for Collective Action in Africa. White Sands Hotel, **Dar Es Salaam, Tanzania**
- Nov 9-14, 2009: International Foundation for Science: Scientific Methodology Workshop on Green Water, Food Science and Water Research, **Livingstone, Zambia.**
- April 27-30, 2009: IHDP Open Meeting: 7<sup>th</sup> International Science Conference on the Human Dimensions of Global Environmental Change, **Bonn, Germany.**
- April 11-13, 08: EU Water Facility Project Management Board Workshop, **Addis Ababa, Ethiopia**

## **12. REFEREES**

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Former Deputy Vice-Chancellor, Academic Affairs (2017-2021)

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