

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_101063</b>
Title of the Manuscript:	<b>The Nexus of Climate Change and Land-use in Kenya</b>
Type of the Article	<b>Research</b>

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy> )

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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes</p> <p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>YES</p>	
<p><b>Optional/General</b> comments</p>	<p>The nexus of climate change and land-use in Kenya is an important and complex issue that has significant implications for the country's environment, economy, and people. Kenya is experiencing the impacts of climate change, including changes in temperature and rainfall patterns, increased frequency of extreme weather events, and rising sea levels. These changes are affecting various sectors, including agriculture, water resources, energy, and biodiversity. Author should explain more on impact on agriculture, Déforestation, Water Resources, Ecosystem services, Adaptation and mitigation, etc.</p> <p>It's important to note that the nexus of climate change and land-use in Kenya is a complex issue influenced by various social, economic, and political factors. Local communities, conservation organizations, and international collaborations play crucial roles in implementing sustainable land-use practices and climate change mitigation and adaptation strategies in the country.</p> <p>See these references:</p> <p>Wei, F., Wang, S., Brandt, M., Fu, B., Meadows, M. E., Wang, L., et al. (2021). Responses and feedbacks of African dryland ecosystems to environmental changes. <i>Curr. Opin. Environ. Sustain.</i> 48, 29–35. doi:10.1016/j.cosust.2020.09.004</p> <p>Froese, R., Schilling, J. The Nexus of Climate Change, Land Use, and Conflicts. <i>Curr Clim Change Rep</i> 5, 24–35 (2019). <a href="https://doi.org/10.1007/s40641-019-00122-1">https://doi.org/10.1007/s40641-019-00122-1</a> <a href="https://link.springer.com/article/10.1007/s40641-019-00122-1">https://link.springer.com/article/10.1007/s40641-019-00122-1</a></p> <p>Adger WN, Pulhin JM, Barnett J, Dabelko GD, Hovelsrud GK, Levy M, et al. Human security. In: Barros VR, Field CB, Dokken DJ, Mastrandrea MD, Mach KJ, Bilir TE, et al., editors. <i>Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part B: Regional Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate</i></p>	

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	<p>Change. Cambridge, United Kingdom and New York, USA: Cambridge University Press; 2014. Provides a human security perspective on the nexus of climate change and violent conflict.</p> <p>IPCC. Annex II: Glossary. In: Mach KJ, Planton S, von Stechow C, editors. Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Geneva, Switzerland: IPCC; 2014.</p> <p>Hirwa H, Li F, Qiao Y, Measho S, Muhirwa F, Tian C, Leng P, Ingabire R, Itangishaka AC, Chen G and Turyasingura B (2022) Climate change–drylands–food security nexus in Africa: From the perspective of technical advances, challenges, and opportunities. Front. Environ. Sci. 10:851249. doi: 10.3389/fenvs.2022.851249 <a href="https://www.frontiersin.org/articles/10.3389/fenvs.2022.851249/full">https://www.frontiersin.org/articles/10.3389/fenvs.2022.851249/full</a></p>	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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Department, University & Country	<b>Akamai University, USA</b>