

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_105336</b>
Title of the Manuscript:	<b>Examining the vulnerability of agropastoralists to climate change and evaluating adaptation strategies in Mali</b>
Type of the Article	<b>Original Research Article</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> )

**Review Form 1.7**

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<p><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ol style="list-style-type: none"> <li>1. The manuscript is germane to the scientific community and the journal. This is because climate change continues to pose significant threats to agropastoralists and it's important to examine their vulnerability and how they are responding to these threats considering climate change studies continue to be scanty in sub-Saharan Africa.</li> <li>2. I think the title can be modified. This word "vulnerability" should be removed because vulnerability is a measure of exposure, sensitivity, and adaptive capacity (IPCC, 2007) and that was not evaluated. I suggest the author(s) use the title "Perceptions and adaptation practices of agropastoralists to rainfall and temperature changes in Mali".</li> <li>3. The abstract is comprehensive but contains unnecessary details. Because the author(s) did not have research questions or specific objectives, it was difficult to understand what the author(s) were communicating in the abstract. Thus, I suggest that the author(s) add the specific objectives or research questions, give readers the methods used to analyze each of the objectives, and results for each objective, and the author(s) should add a conclusion to the abstract.</li> <li>4. The structure of the manuscript is good but it is difficult to follow what the author(s) were trying to communicate considering some portions of the subsections should be based on objectives or research questions and those were missing in the manuscript. What research designs or philosophical paradigms were employed by the author(s) for this study?</li> <li>5. The manuscript is scientifically correct.</li> <li>6. The references are sufficient and recent. However, some of the references were badly cited and the author(s) should please check these and correct them. IPCC was used too many times in the introduction. The author(s) can limit that as well.</li> </ol>	
<p><b><u>Minor</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>The manuscript will benefit from language editing and I suggest the author(s) proofread the manuscript to get rid of grammatical errors and constructions.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<ul style="list-style-type: none"> <li>• The author(s) failed to enumerate the research objectives or questions in the introduction. Hence, what objectives or questions did the study seek to address?</li> <li>• How did the author(s) determine the sample size for the field surveys?</li> <li>• Which sampling method was used in selecting the villages?</li> <li>• In using the Mann-Kendall trend test for the trend analysis of climatic variables, did the author(s) estimate Sen's slope or Kendall's tau? Did the authors estimate the variability of rainfall or temperature in the study area?</li> <li>• Instead of using figures, the author(s) could have represented the perception of agropastoralists on the variability of the rainy seasons and vegetation and their adaptation practices in a tabular form probably in a gender format. This would have helped to compare the patterns.</li> <li>• Scientific names should be italicized.</li> <li>• I suggest the author(s) enhance the conclusion and add policy implications of their findings as well.</li> </ul>	

[Review Form 1.7](#)

**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:**

Name:	<b>Frank Baffour-Ata</b>
Department, University & Country	<b>Kwame Nkrumah University of Science and Technology, Ghana</b>