

## Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_100137
Title of the Manuscript:	EFFECT OF RAINFALL AND TEMPERATURE VARIABILITY ON GREEN GRAM YIELD IN THARAKA SOUTH SUB COUNTY, THARAKA NITHI COUNTY, KENYA
Type of the Article	Original Research Article

### 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> )

### 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>	<ol style="list-style-type: none"> <li>1. The scientific community may consider it moderately important, but it might be crucial in African countries.</li> <li>2. It's suitable.</li> <li>3. It is comprehensive but looks wordy, so it needs to be compact.</li> <li>4. Yes, appropriate but the numbering on some titles needs to be corrected.</li> <li>5. The study looks scientifically correct, but the manuscript writing does not adhere to academic and scientific rules.</li> <li>6. Yes, the references are sufficient and recent.</li> </ol> <ul style="list-style-type: none"> <li>- First of all, the manuscript needs to improve its grammar, adhere to academic writing, and be compact and concise. Moreover, the author is not careful in the writing, as there are some missing words, punctuation marks, etc.</li> <li>- The Abstract has over 300 words, and does not adhere to the journal's format.</li> <li>- Some units expressed in the manuscript are not in compliance with SI units. For example, instead of expressing "1.5 mt/ha", it should be "1500 kg/ha". Instead of "100 grams", it should be "100 g".</li> <li>- The second last sentence of the first paragraph of the Introduction "The crop is mainly cultivated in climatically marginal areas." should mention specific region(s).</li> <li>- In the data collection section, the standings of MAM and OND abbreviations should be explained and clarified briefly as seasonal periods.</li> <li>- In Figure 1, the caption should be "Trends of seasonal rainfall".</li> <li>- Figure 2 and 3 also need to be improved accordingly.</li> <li>- The year period expressed in Title 3.2 needs to be corrected. It should be "2002 to 2021" instead of "2001 to 2020".</li> <li>- The conclusion part is too short. It should provide a summary of the key findings that are relevant to the main theme of the manuscript.</li> </ul>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<ol style="list-style-type: none"> <li>1. No, it is not. It needs a lot of improvement not only in English and academic writing but also in presentation quality.</li> </ol>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<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>
<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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