

Review Form 1.7

Journal Name:	Asian Journal of Geographical Research
Manuscript Number:	Ms_AJGR_110153
Title of the Manuscript:	PERCEPTION OF ADAPTATION STRATEGIES TO CLIMATE VARIABILITY IN MACHAKOS COUNTY, KENYA
Type of the Article	Original Research Article

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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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> The work is great and 'need of the time' as it will help in formulation of public and climate policy on the regional scale. I think this work is very important. But there are some major issues in the manuscript and it needed to be addressed and refined to publication. Though some work has been published in this field to the same region. Title of the article is okay. Abstract is so big, it needed to rewrite, and make it more concise and crisper of the work. (make it up to 300 words) Please add the Keywords, as I am not able see it in the article. Add it. Please, put continuous lines in entire manuscript for easy way of reading, and comments-communication. Manuscript sections and subsections are very poorly organized. Needed serious attention and resubmission. The basic idea of Manuscript is correct but needed major revision and rewriting. it seems written in hurry. Please go through the publication format guide line of the journal as I can see that subsections are not properly numbered as bulletins. As 1.0 Introduction, 2.0 Methodology, then make subsections like 2.1 Study area, 2.2, 2.3, I am also not able to see section 3. Please put it in a consistent from beginning to end, as it is very humble-jumble. Also add acknowledgement, and conflict of interest. Add more recent refences. Such as <ul style="list-style-type: none"> Gebre, G.G., Amekawa, Y. and Fikadu, A.A., 2023. Farmers' use of climate change adaptation strategies and their impacts on food security in Kenya. <i>Climate Risk Management</i>, 40, p.100495. Ngetich, F.K., Mairura, F.S., Musafiri, C.M., Kiboi, M.N. and Shisanya, C.A., 2022. Smallholders' coping strategies in response to climate variability in semi-arid agro-ecozones of Upper Eastern Kenya. <i>Social sciences & humanities open</i>, 6(1), p.100319. Madegwa, Y., Onwonga, R., Shibairo, S.I. and Karuku, G., 2016. Farmer perception and adaptation strategies on climate change in lower eastern Kenya: a case of finger millet (<i>Eleusine coracana</i> (L.) gaertn) production. Kimoni, M.N., Nzengya, D.M. and Nzeve, J.K., 2022. Smallholder Farmers' Perception, Level of Awareness and Adaptation to Climate Change in Masinga Sub County, Machakos County, Kenya. <i>African Multidisciplinary Journal of Research</i>, pp.159-172. And more 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The article is written poorly, please rewrite and look into the small-small errors grammatical and punctuations, and typo issues. Use grammarly for your convenient.</p>	

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<p>Optional/General comments</p>	<p>Please breck these statement into two. It will be easy to follow. Abstract section Page no 1, “The study was designed to assess climate variability trends on both rainfall and temperature data between 1990 and 2020, analyse community perception to climate variability, evaluate adaptation strategies and their effectiveness and examined the challenges of adaptation to climate variability.”</p> <p>“The study found that although farmers have adopted some adaptation strategies, strategies, they were constrained with (82.4%) agreeing that age was a great challenge to adaptation and had moderate negative correlation with adaptation of (0.097) with labor migration and (25.2%) saying it was not a challenge.”</p> <p>Introductions: “1. please add some more pointing to age and agriculture” Page 2. Replace “venerable” with ‘vulnerable’, the full of spelling mistaken please correct all through entire manuscript.</p> <p>Methodology: Make consider map 1 as figure 1 and start from there only. And make a clear figure of the study region as the legend and axis lon, lat are not visible properly, keep it in bold font and make it clear and neat. I can not see a clear methodology however; the article has so many statistical analyses but not provided the refence and method and equations corresponding to the analysis.</p> <p>Please regenerate all the figure as the axis and legends are clearly.</p> <p>Result Discussion: Result and discussion are very vague, and so many places it is written like introduction. If it’s possible, put some part of the result discussion to the introduction as common statement written some of. Put list 1 and 2 to the corresponding figures only. As it is the only values used for the plotting the figures 4, and 5. Some of the figures can be put in the supplementary and cite those supplementary in to the mai manuscript with supplementary Figure S1, S2, something like this. As some figures making manuscript lengthier.</p> <p>Please separate results from the result and discussion. Make it differnt sections like 4.0 Result, 5.0 Discussion, 6.0 Summary, and 7.0 Conclusions The article needs serious revision. I will suggest it to give a chance to rewrite and resubmit if these comments followed properly.</p>	
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PART 2:

	<p>Reviewer’s comment</p>	<p>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>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Pramod Kumar</p>
<p>Department, University & Country</p>	<p>Sikkim University, India</p>