

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_115372
Title of the Manuscript:	Development and Standardization of an Adaptation Index to assess the Climate Resilient Practices by Paddy Growers
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"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. 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>	<p>Abstract:</p> <p>Line 21: Authors are advised to substitute or replace 'judges' with 'experts' or 'elite' considering those the current study engaged.</p> <p>Lines 23 – 30: Sentence looks lengthy or long and needs to be broken down into two for clarity and conciseness.</p> <p>-The abstract should have a brief concluding sentence which highlights the study's relevance or contribution to industrial players and the scientific community.</p> <p>-Though the abstract is generally good and well-written, authors can reduce or exercise brevity by keeping the wording to less than 250 words to coax readers.</p> <p>Keywords:</p> <p>-Authors should consider replacing some of the keywords that already appears in the title with other words to give the paper more audience in different databases.</p> <p>Introduction:</p> <p>-Lines 34-38: Please refrain from keeping standalone sentences as paragraphs; thus, paragraphs that solely constitute 1-2 sentences. Kindly merge this to the second paragraph and ensure uniformity throughout the manuscript.</p> <p>-Authors can enrich the theoretical background with the following studies:</p> <p>*Sarfo, I., Yiadom, B.Y., Dontoh, J.I. (2019). Concept of Climate Vulnerability: Key Determinants, Responses and Constraints to Climate Change Adaptation, 6(2): 232-253. <i>Advances in Social Sciences Research Journal</i>. DOI:10.14738/ASSRJ.62.6109</p> <p>* Sarfo, I., Bortey, O. H., & Kumara, T. P. (2019). Effectiveness of Adaptation Strategies among Coastal Communities in Ghana: The Case of Dansoman in the Greater Accra Region. <i>Current Journal of Applied Science and Technology</i>, 35(6), 1–12. https://doi.org/10.9734/cjast/2019/v35i630211</p> <p>-Again, it is appropriate to connect these theories to the scope or specific objectives of this study, and not just expound on these theories simply because they align with the study's title.</p> <p>Lines 115-119: Please provide a reference for this and expound or add more flesh to it from different sources.</p> <p>Methodology:</p> <p>-Please introduce the section briefly before highlighting or outlining the steps.</p> <p>Step 1 (Lines 123-125): It will be appropriate to give at least 3 references to substantiate these lines to serve as reference on how these indicators were identified. Indicate and throw some light on the said studies.</p> <p>Step 2:</p> <p>Lines 127-129: Refer to my comments on standalone sentences and do the needful. Ensure uniformity throughout the manuscript.</p> <p>-Please do not generalize these processes which are core to this study. Exercise precision here by</p>	

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	<p>being more specific, as well as anchoring these with some relevant literature as indicated – provided sources to buttress these.</p> <p>-Details or biodata or demographics -affiliation, portfolios, etc of the experts engaged must be provided in a supplementary material or file and referenced in the main text.</p> <p>-How did the authors arrive at this number?</p> <p>-How representative is the said number in drawing general conclusions?</p> <p>-What influenced the decision for authors to drop 6 and use a sample size of 30?</p> <p>-What sampling approach or technique did authors use in selecting the target population or experts engaged?</p> <p>-How did authors deal with bias or partial judgements considering the subjective nature of this approach?</p> <p>*Please provide justifications for these briefly in the main text.</p> <p>-Equations given or presented in this paper must be numbered in an orderly format.</p> <p>-Please ensure all variables in the given equations have been explained.</p> <p>-Please ensure the full meaning of KMO has been defined before using the abbreviated format throughout the manuscript. Authors should not assume readers to know these.</p> <p>-Kindly state what Barlett’s test entails and its relevance to the current study.</p> <p>Results:</p> <p>-It is inappropriate and unacceptable to present a table directly after a major section/sub-section. Kindly introduce the section, by highlighting what the section entails, and restate the study’s main aim or objectives before presenting the study’s findings.</p> <p>-Though authors tentatively presented the results in an appropriate format, no discussion was done.</p> <p>-Authors need discuss the findings or what the results or indicators mean under a discussion section. It is mandatory and highly appropriate to compare these findings to representative works or existing literature with similar scope. This will clearly how unique these findings are from existing literature. Thus, the difference in this study to other works based on findings, how it agrees or refutes existing findings and its practicality/application.</p> <p>*Please create a section for ‘Discussions’ and act accordingly or do the needful.</p> <p>-moderate to major grammatical defects/syntax errors were identified throughout the manuscript. Few were corrected, please punctuate or correct these where necessary. I corrected few.</p> <p>-Lines 203-216: Kindly merge both paragraphs under this section, and provide the needed references where necessary.</p> <p>-Kindly move this equation (3) and its related details to the methodology section and ensure flow is not distorted.</p> <p>Conclusions:</p> <p>-Please revise the concluding section. It needs to briefly have a rationale, state the main aim or specific objectives, present key or summarized findings without quoting verbatim what has already been stated in the results section, highlight the study’s limitations/challenges and opportunities that drive further studies, and the study’s significance or theoretical and application values.</p> <p>-Kindly add some quantitative or statistical values to some aspect of the summarized or main findings. All these could be done in 2-3 paragraphs.</p>	
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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	-Moderate to major grammatical defects/syntax errors were identified throughout the manuscript. Few were corrected, please punctuate or correct these where necessary. I corrected few. *Please check the main-text or attached file for other comments in track changes.	
Optional/General comments		

PART 2:

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

Reviewer Details:

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