

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_129149
Title of the Manuscript:	GEOSPATIAL EVALUATION/ANALYSIS OF EFFECTS OF CLIMATE CHANGE VARIABILITIES ON SOIL-WATER-PLANT RELATIONSHIP
Type of the Article	Original Research Article

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript is a valuable contribution to the understanding of climate change impacts on soil-water-plant dynamics, particularly in Southeast Nigeria. It highlights the interplay between climate variables and soil moisture, which is critical for agricultural sustainability in the region. The study fills a significant research gap by incorporating geospatial and statistical analyses to evaluate the effects of temperature, rainfall, relative humidity, and solar radiation on soil water content. The findings offer actionable insights that can guide agricultural adaptation strategies under changing climatic conditions.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title accurately reflects the scope and content of the manuscript. No changes are suggested.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is comprehensive and well-structured. However, it could benefit from a slight rephrasing to emphasize the practical implications of the study's findings. For instance, mention how the study's insights can be used for specific agricultural practices or policies.	
Is the manuscript scientifically, correct? Please write here.	Yes, the manuscript is scientifically robust and well-supported by relevant data and analysis. The methodology is well-described, and the results are presented clearly.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are adequate and include recent studies. However, adding a few more references on the application of climate-smart agricultural practices in similar contexts (e.g., Southeast Asia or Sub-Saharan Africa) would enhance the discussion.	
Is the language/English quality of the article suitable for scholarly communications?	The language is generally clear and suitable for scholarly communication. Minor grammatical adjustments could improve readability.	
Optional/General comments		

PART 2:

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

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