

Review Form 3

Journal Name:	<u>Journal of Geography, Environment and Earth Science International</u>
Manuscript Number:	Ms_JGEESI_124194
Title of the Manuscript:	Determining Soil moisture Condition in Sokoto State using Climate-based water Index
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Useful for the policy planners Indices shall be of useful for the farmers to assess the water requirement in irrigation A potential area for the research community	
Is the title of the article suitable? (If not please suggest an alternative title)	Assessment of soil moisture through climatic variables using remote sensing data in the region of skoto state	
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.	Yes. May add 1 or 2 lines about the influence of rainfall and temperature.	
Are subsections and structure of the manuscript appropriate?	OK	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Water loss table has negative and positive values but spatial distribution legend has only negative ranges. The usage of term water loss need to have a positive values. Negative values create ambiguity. Rainfall indices of the region may be discussed. Soil moisture index classification may be attempted for quality inference to the farmers. Clarity of positive and negative values may be provided in one or two lines. References may be avoided in the discussion of the findings. May be included in the introduction part if necessary.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, May be in chronological order	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Need to be checked for language grammatical correction	
Optional/General comments	May be accepted after corrections	

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>	

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Reviewer Details:

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