

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_122288
Title of the Manuscript:	Spatial variability of monsoon rainfall trend over West Africa
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

<u>Compulsory</u> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This study is crucial for understanding regional climate patterns and their impact on agriculture, water resources, and livelihoods. This variability can influence the timing and intensity of the growing seasons, affecting food security and economic stability in the region. Additionally, analyzing these trends helps in predicting extreme weather events like floods and droughts, enabling better disaster preparedness and response. Understanding these trends is also vital for developing climate adaptation strategies to mitigate the effects of climate change in West Africa.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, However more suitable title will be, "Analyzing spatial variability of monsoon rainfall over West Africa".	
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 the abstract is well written.	
Are subsections and structure of the manuscript appropriate?	Yes.	
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.	It relies on robust data collection and advanced analytical methods. Accurate rainfall data from satellites and ground-based stations are essential to capture the spatial and temporal variations. Utilizing statistical and climate models ensure the reliability of trend analysis and prediction. Peer-reviewed studies and interdisciplinary research further validate the findings, providing a comprehensive understanding of the monsoon dynamics in the region.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes.	
<u>Optional/General</u> comments		

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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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