

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_121461
Title of the Manuscript:	Trend analysis of Rainfall in Mahabubnagar district of Telangana State
Type of the Article	

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PART 1: Review Comments

Compulsory 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 article revealed some rainfall trend in research area. However, it is not gained high exactly and needing to be supplemented information as well as clearer explanation about research results	This research revealed the trend analysis of rainfall.
Is the title of the article suitable? (If not please suggest an alternative title)	yes	Yes
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	yes
Are subsections and structure of the manuscript appropriate?	yes	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.	This article used rainfall data from 1980 to 2023 year, this is very good time series to evaluate trend of rainfall and it is gained some results too.	This article reveals the long term trend patterns and behaviour of rainfall.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	yes	yes

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	yes	yes
Optional/General comments	<div>1. Rainfall has increasing trend in May of MMK test while this trend increases in February and decreasing in November, December of Innovative trend analysis. What reasons happen this situation? Which test is regarded as optimization in trend assessment?</div> <div>2. Rainfall trend revealed both increasing and decreasing in linear regression trend (line 7 in abstract), whether it is correct if seeing figure 2 revealed trend clearly as light increasing that it not revealed decreasing trend? Moreover, in this figure too, basing on annual rainfall data revealed very clearly trend of rainfall and its precipitation, especially in recent years with high precipitation (2020 and 2022), this research has not been explained its reasons in trend assessment yet. Additionally, precipitation in 2023 is very low versus three years ago, so this data is enough exactly or not, require research re-check about annual precipitation in research area.</div> <div>3. “The pre-monsoon, monsoon and post-monsoon periods also exhibited non-significant trends in the rainfall pattern in Mahabubnagar district” (line 9-10 in abstract), what reasons the author considered in this research while it was not significant trends.</div> <div>4. Results include all the gained results from research process, it is not included reference results</div> <div>5. To trend analysis, the author should present the whole results by chart</div> <div>6. References need to be arranged by ABC author character or publication years and to be unified in the whole article.</div>	Improved.

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?	(If yes, Kindly please write down the ethical issues here in details)	No