

Review Form 3

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| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_122250 |
| Title of the Manuscript: | Trend analysis of weather variables and Reference evapotranspiration of Mustard (<i>Brassica juncea</i> L.) crop for Haryana |
| Type of the Article | Original Research 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 type of study is very important for irrigation water resources management under changing climate. Rather than the existing requirements what is more important is the ongoing trends in rainfall and temperature. This study comprehensively covers these areas. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | 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. | No. The abstract does not describe the results of the study based on its objective. It only address the climatic factors. It should include the results obtained on evapotranspiration of the crop and how these results can be used for better water management. | |
| 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. | The Mann Kendal test is the main scientific testing method used in the study. But there is no description of it under the methodology. A separate paragraph should be their describing why this method is used for statistical analysis, its parameters, advantages, limitations etc. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Yes | |
| Minor REVISION comments | Better if the quality of English language can be improved. | |
| Is the language/English quality of the article suitable for scholarly communications? | | |
| 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> |
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| 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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|----------------------------------|----------------------------|
| Name: | D M T S Dissanayake |
| Department, University & Country | Sri Lanka |