

**Review Form 1.7**

Journal Name:	Asian Journal of Research in Agriculture and Forestry
Manuscript Number:	Ms_AJRAF_112304
Title of the Manuscript:	ANALYSIS OF RAINFALL DISTRIBUTION IN KURUNEGALA DISTRICT, SRI LANKA
Type of the Article	Original Research Article

**PART 1: Review Comments**

	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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<ol style="list-style-type: none"> <li>1. <b>The research article adds to different climatologists, geographers and policy-makers on climate and climate change.</b></li> <li>2. <b>The title is suitable.</b></li> <li>3. <b>The abstract is comprehensive.</b></li> <li>4. <b>The structure of the article is suitable. However, the article needs a discussion section.</b></li> <li>5. <b>The article is scientifically sound. However ARIMA modelling will add to the analysis of rainfall.</b></li> <li>6. <b>The number of references is quite limited. References on sources of data, the indices of Precipitation Concentration Index, Pettitt and Buishand's tests need to be added.</b></li> </ol> <p><b>Habitat, Ecology and Ekistics is very good references for the indices</b> Burt TP, Weerasinghe KDN. Rainfall Distributions in Sri Lanka in Time and Space: An Analysis Based on Daily Rainfall Data. <i>Climate</i>. 2014; 2(4):242-263. <a href="https://doi.org/10.3390/cli2040242">https://doi.org/10.3390/cli2040242</a> Alahacoon N, Edirisinghe M. Spatial Variability of Rainfall Trends in Sri Lanka from 1989 to 2019 as an Indication of Climate Change. <i>ISPRS International Journal of Geo-Information</i>. 2021; 10(2):84. <a href="https://doi.org/10.3390/ijgi10020084">https://doi.org/10.3390/ijgi10020084</a></p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	Suitable	
<p><b>Optional/General</b> comments</p>	<p>Discussion section needs to be added The author is advised to add more references particularly for the indices used and for comparison of his results with other authors' results. SARIMA modelling gives more insights to the article</p> <p>The research is of paramount importance for many scientists and policy makers. However, it gets more importance if the time span is up to 2022 or 2023. Discussion section needs to be added.</p>	

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**PART 2:**

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

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