

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_97668</b>
Title of the Manuscript:	<b>Rainfall Analysis at District Level For Crop Planning In North Karnataka A Case Study Of Dharwad district</b>
Type of the Article	<b>Research</b>

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy> )

## Review Form 1.7

### 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> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>There are several papers related to this topic, author needs to do more literature search and incorporate</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	Fine	
<p><b>Optional/General</b> comments</p>	<p>There are several papers like this one, so author needs to provide information why this paper is important. Also add more points in discussion with incorporation of following references: Dynamics of cropping pattern in north Karnataka district of Karnataka: A markov chain approach <a href="https://www.thepharmajournal.com/archives/2022/vol11issue12S/PartC/S-11-11-305-249.pdf">https://www.thepharmajournal.com/archives/2022/vol11issue12S/PartC/S-11-11-305-249.pdf</a> Spatial Estimation of Soil Loss and Planning of Suitable Soil and Water Conservation Interventions for Environmental Sustainability in Northern Karnataka in India Using Geospatial Techniques <a href="https://www.mdpi.com/2073-4441/14/22/3623">https://www.mdpi.com/2073-4441/14/22/3623</a> <b>Look these References and provide comparative overview.</b> Alam Jahangir ATM, Rahman SM, Sadaat AHM. Markov chain analysis of weekly rainfall data for predicting agricultural drought. Comput. Intel. Tech. Earth. Environ. Sci; c2014. p. 109-128. Anonymous. Annu. Rep. (2016-17), Directorate of Economics and Statistics, Government of Karnataka, Bangalore, India; c2016. p. 5-20. Gurulingappa. Inter-district disparities in agro-socio economics development in Karnataka. M. Sc. Thesis, Univ. Agric. Sci., Dharwad, Karnataka (India); c2018. Mangaraj AK, Sahoo LN, Shukla MK. A markov chain analysis of daily rainfall occurrence at western Orissa of India. J. Reliable. Stat. Studies. 2013;6(1):77-86. Nema AK, Bisen SR, Singh T. Markov chain approach -dry and wet spell rainfall probabilities in planning rain fed rice-based production system. Indian J. Dryland Agric. Res. Dev. 2013;28(2):16-20. Venkatesh H. Rainfall analysis as a tool in watershed development in northern dry zone of Karnataka. Tech. Bull. Univ. Agric. Sci., Dharwad. 2003. ISBN: 81-88367-04-4. Venkatesh H, Kulkarni SN, Guled MB, Surkod VS, Shirahatti MS. Agroclimatic atlas of Bijapur and Bagalkot districts. AICRPAM, Bijapur Centre, Univ. Agric. Sci., Dharwad; c2008. p. 115.</p>	

**Review Form 1.7**

**PART 2:**

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

**Reviewer Details:**

Name:	<b>Medani P. Bhandari</b>
Department, University & Country	<b>Akamai University, USA</b>