

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_104053
Title of the Manuscript:	Development of crop yield forecast model for rabi sugarcane in different districts of South Gujarat
Type of the Article	Original Research Article

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>)

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, because it contributes to demonstrating a form of scientific methodology (forecasting) to avoid the probable effects of climate change on agricultural crop yield.</p> <p>Yes.</p> <p>Yes.</p> <ul style="list-style-type: none"> METHOD AND MATERIAL instead, we can write methodology and subdivide it into sources of data and model estimation The results are not discussed. I suggest writing discussion section after the results section and linking it to previous research papers' findings. <p>Yes.</p> <p>No, the manuscript requires extra references and more recent. Such as:</p> <ul style="list-style-type: none"> Predicting Rice Yield from Weather Variable Through Detrended Production Index. 2017 Different Statistical Models Based On Weather Parameters in Navsari District of Gujarat. 2023 Weather-Based Statistical and Neural Network Tools for Forecasting Rice Yields in Major Growing Districts of Karnataka. 2023 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>No. Language requires revision to be appropriate for scholarly communication.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> Recalculate a few numbers, particularly in the introduction section. 	

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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>
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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