

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_119441</b>
Title of the Manuscript:	<b>IMPACT OF ENSO ON INDIAN MONSOON AND FOOD PRODUCTION</b>
Type of the Article	<b>Original Research Article</b>

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**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><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><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>This article mentioned about the impact of the El Nino heat wave on agricultural production in India, providing readers with information about the changes of the Indian monsoon and related effects on crops through changes in temperature and precipitation under the impact of ENSO.</li> <li>The title is suitable.</li> <li>The abstract is comprehensive.</li> <li>This article structure should add a section <b>Research data</b> or <b>research approach</b>. So that readers can better understand what types of data this article's approach is based on</li> <li>Yes</li> <li>It is recommended to re-check some documents that have not been cited, for example: <b>Golden Gate Weather Services 2021</b></li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Suitable</p>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>Overall, the structure and abstract of this article are quite scientifically standard, however, it is necessary to check the references and add some part (that mentioned in the 4<sup>th</sup> comment) in the structure paper to make this article more logical.</li> <li>ENSO includes 3 phases, but in the theoretical part of the introduction, the author only mentioned the hot phase of El Nino, did not clearly explain the cold phase of La Nina and the neutral phase (this phase is based on Walker atmospheric circulation).</li> <li>In the introduction section, the research objectives have not been written.</li> <li>Should write a brief overview of the general characteristics of the Indian monsoon, emphasizing the wind direction, rainfall, and temperature of India.</li> <li>This study also considers adding comparisons with the El Nino period of 2023 and 2024 compared to previous periods, especially 2023 and 2024 which is considered the year with the strongest El Nino with many heat waves and lack of rain.</li> <li>Need to add a map showing the location of the states or locations listed in the section <b>Impact of El Niño on Indian monsoon</b> and <b>Effect of ENSO on food production</b>.</li> <li>Correct typographical errors, specifically the units <b>'000 ha</b> and <b>'000 tons</b> in paragraph 2 of section Effect of ENSO on food production.</li> <li>The economic impact/loss in agriculture has not yet been clearly seen. The impacts of EL Nino only stop at analyzing the impact on the cultivated area of crops. Therefore, the authors should add a general overview of the impact on the agriculture, then specifically in each locality.</li> </ol>	

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**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>	

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