



**J. K. Press**

Journal Name:	<a href="#"><u>Journal of Global Agriculture and Ecology</u></a>
Manuscript Number:	<b>Ms_JOGAE_11951</b>
Title of the Manuscript:	<b>The impact of climate change on global potato production: A review</b>
Type of the Article	<b>Review Article</b>



## 1: Review Comments

	Reviewer's comment	Author's feedback
<p><b><u>Compulsory</u> REVISION comments</b></p> <ol style="list-style-type: none"><li><b>1. Is the manuscript important for the scientific community? (Please write a few sentences on this manuscript)</b></li><li><b>2. Is the title of the article suitable? (If not please suggest an alternative title)</b></li><li><b>3. Is the abstract of the article comprehensive?</b></li><li><b>4. Are subsections and structure of the manuscript appropriate?</b></li><li><b>5. Do you think the manuscript is scientifically correct?</b></li><li><b>6. Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form.</b></li></ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>Importance to the Scientific Community: This manuscript provides a comprehensive analysis of the intricate relationship between climate change and global potato production. Given the critical role of potatoes as a staple food source worldwide, understanding the impacts of climate change on their cultivation is of utmost importance. The article delves into how changing climate patterns affect various aspects of potato growth and highlights the need for strategic actions to mitigate these effects, making it highly relevant to the scientific community interested in agriculture, climate change, and food security.</p> <p>Suitability of Title: The title "The Impact of Climate Change on Global Potato Production: A Review" effectively encapsulates the main focus of the article. It accurately communicates the subject matter and scope of the review, making it suitable for the content presented.</p> <p>Comprehensive Abstract: The abstract provides a concise overview of the article's key findings and recommendations. It effectively summarizes the complex relationship between climate change and potato production, outlining the challenges posed by changing climate patterns and suggesting strategic actions to address them. However, it could be enhanced by providing specific quantitative data or projections related to the impacts of climate change on potato production, which would further enrich its comprehensiveness.</p>	



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	<p><b>Appropriateness of Subsections and Structure:</b> The manuscript is well-organized, with clear subsections that logically flow from one to another. The structure effectively guides readers through the various aspects of the topic, from the impacts of climate change on potato physiology to proposed mitigation strategies. Each subsection is appropriately developed and contributes to the overall coherence of the manuscript.</p> <p><b>Scientific Accuracy:</b> The manuscript demonstrates a high level of scientific accuracy, with information supported by relevant research and literature. The authors provide a thorough review of existing studies and accurately synthesize the current understanding of climate change impacts on potato production. The proposed mitigation strategies are grounded in scientific evidence and align with current agricultural practices and research priorities.</p> <p><b>Adequacy of References:</b> The references provided are sufficient and include recent studies relevant to the topic. However, to further enhance the manuscript's comprehensiveness, the authors could consider incorporating additional references that explore specific aspects of climate change adaptation in potato farming systems, such as studies on the development of climate-resilient potato varieties or innovative agronomic techniques for sustainable potato cultivation. The food security system topic should be widened.</p>	
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<b>Minor</b> REVISION comments	English revision is needed.	
1. Is the language/English quality of the article suitable for scholarly communications?		
<b>Optional</b> comments	Please add more citations. E.g. <a href="https://iopscience.iop.org/article/10.1088/2752-5295/ad0e13">https://iopscience.iop.org/article/10.1088/2752-5295/ad0e13</a> and <a href="https://technicalgeography.org/index.php/on-line-first/354-16_vasa">https://technicalgeography.org/index.php/on-line-first/354-16_vasa</a> Etc.	

## **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>	

## **Reviewer Details:**

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