

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_121871
Title of the Manuscript:	Prediction of water requirement, irrigation requirement of tuber crop under coastal climatic conditions: A review
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>### Importance of the Manuscript for the Scientific Community This manuscript is important for the scientific community as it addresses the water and irrigation needs of tuber crops under coastal climatic conditions, which is a critical aspect of agricultural sustainability. Understanding these needs can help improve crop yields and food security, particularly in regions with similar climates. The detailed analysis of various tuber crops provides valuable insights for researchers, agronomists, and policymakers.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>### Personal Opinion on the Manuscript I like this manuscript because it provides a comprehensive review of the water requirements of tuber crops, which is crucial for optimizing irrigation practices and enhancing agricultural productivity. The manuscript covers a wide range of tuber crops and offers practical insights into their cultivation under coastal conditions. However, the language could be improved for better readability and scholarly communication.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>### Title Suitability The current title, "Prediction of water requirement irrigation requirement of tuber crop under coastal climatic conditions: A review," is somewhat lengthy and could be made more concise. A suggested alternative title could be: "Water and Irrigation Needs of Tuber Crops in Coastal Climates: A Review."</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>### Abstract Comprehensiveness The abstract is comprehensive but could benefit from better structuring and clarity. It provides a good overview of the importance of water for tuber crops and the aim of the review. However, the language is somewhat repetitive and could be streamlined. The addition of key findings or specific insights from the review would make the abstract more informative.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>### Subsections and Structure The subsections and structure of the manuscript are appropriate, covering various types of tuber crops and their specific water and irrigation needs. The manuscript also discusses the impacts of climate change and the application of tuber crops in food security, which adds depth to the review.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>### Scientific Correctness The manuscript is scientifically robust and technically sound. It includes references to relevant studies and provides detailed information on the water requirements of different tuber crops. The scientific methodology and data sources are appropriate, making the manuscript a valuable resource for researchers and practitioners in the field.</p> <p>### References The references are sufficient and recent, covering a range of studies related to the topic. However, ensuring that all references are properly cited and up-to-date is crucial. If additional references are needed, they should focus on the latest research in irrigation technology and climate change impacts on agriculture.</p> <p>### Language/English Quality The language quality of the article needs improvement. While the manuscript provides valuable information, the readability could be enhanced by refining the grammar, sentence structure, and overall flow. Clear and concise language will make the manuscript more accessible to a broader audience.</p> <p>### Suggestions for Improvement</p> <ol style="list-style-type: none"> 1. Title: Consider revising the title for conciseness. 2. Abstract: Streamline the abstract for clarity and include key findings. 3. Language: Improve grammar and sentence structure throughout the manuscript. 	

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	4. **References:** Ensure all references are current and properly cited. By addressing these points, the manuscript can better serve its purpose and reach a wider audience within the scientific community.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?		
<u>Optional/General</u> comments		

PART 2:

	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)
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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