

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_121270
Title of the Manuscript:	Assessment of Climate Variability Impacts on Water Resources and Agriculture: Insights from Regional Climate Models
Type of the Article	Review 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>The manuscript titled "Assessment of Climate Variability Impacts on Water Resources and Agriculture: Insights from Regional Climate Models" is of paramount importance as it provides a nuanced understanding of how climate variability affects local water resources and agricultural systems. By utilizing regional climate models, the study offers detailed, region-specific insights that are often missed by global models, highlighting the diverse impacts of climate change across different areas. This localized approach enables more accurate predictions and informed decision-making for policymakers, farmers, and water managers. Such insights are crucial for developing effective adaptation strategies, optimizing resource management, and ensuring sustainable agricultural practices in the face of climate change. Overall, the manuscript contributes significantly to the knowledge base needed for tailored and actionable climate adaptation strategies.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>"Evaluation of the Effects of Climate Variability on Water Resources and Agriculture: Insights from Regional Climate Models"</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>Yes.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</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>The title is scientifically correct as it clearly and accurately describes the focus of the study on using regional climate models to assess the effects of climate variability on water resources and agriculture.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Add latest References.</p>	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	The study titled "Assessment of Climate Variability Impacts on Water Resources and Agriculture: Insights from Regional Climate Models" provides a critical evaluation of how fluctuations in climate affect local water resources and agricultural practices. By leveraging regional climate models, which offer a more detailed and precise analysis than global models, the research delivers valuable insights into the specific ways climate variability influences these crucial sectors. This approach allows for a nuanced understanding of how varying climate conditions impact water availability, quality, and agricultural productivity on a regional scale. The findings are essential for developing targeted strategies to manage water resources and adapt agricultural practices effectively in response to localized climate changes. Overall, the study contributes to informed decision-making and strategic planning, helping to address the challenges posed by climate variability in a regionally relevant context.	

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:

Name:	Y. Lalitha Kameswari
Department, University & Country	MLR Institute of Technology, India