

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_112855</b>
Title of the Manuscript:	<b>AgriTech Revolution: Next-Generation Supply Chain in America's Agriculture</b>
Type of the Article	

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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)</b>
<p><b>Compulsory</b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) Yes, this manuscript focusses on the future trajectory of American agriculture through the lens of technological advancements in terms of agricultural supply chain, impact food security, and contribute to sustainable farming practices through the technology enabled solutions.</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title) Suitable</p> <p><b>3. Is the abstract of the article comprehensive?</b> Yes</p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b> Need to explore about: How AI, BigData, IoT are incorporated? Is the proposed method is able to handle BigData or huge amount of data stream.</p> <p><b>5. Do you think the manuscript is scientifically correct?</b> Yes, may consider the improved version.</p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> No, References should be improved and include few more references and enhance the literature work.</p> <p><b>7. Is Dataset used is appropriate? If yes, after 2019, Why this work has not used the dataset as mentioned in Fig. 9 ddistribution of data across periods.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>In this manuscript, this manuscript focusses on the future trajectory of American agriculture through the lens of technological advancements in terms of agricultural supply chain, impact food security, and contribute to sustainable farming practices through the technology enabled solutions. The research gap, aim of the problem has been clearly mentioned. The p-value and significant relationship has depicted and discussed very impactfully. Still, this work, need to include and improved the following comments in final submission:</p> <ol style="list-style-type: none"> <li>1. How AI, BigData, IoT are incorporated?</li> <li>2. Is the proposed method is able to handle BigData or huge amount of data stream.</li> <li>3. In Fig. 5 - 8, "python" keyword should be removed.</li> <li>4. Literature must be improved, Write 6-8 literature in literature section which have been published in 2021-2022-2023 and 2024.</li> <li>5. No, References should be improved and include few more references and enhance the literature work.</li> <li>6. Is Dataset used is appropriate? If yes, after 2019 now new information regarding dataset as mentioned in Fig. 9 distribution of data across periods.</li> <li>7. Is Dataset used is appropriate? If yes, after 2019, Why this work has not used the dataset as mentioned in Fig. 9 ddistribution of data across periods.</li> <li>8. Correlation of abstract, proposed method and conclusion must be improved or re-written.</li> <li>9. Proofreading is highly recommended along with sentence flow.</li> <li>10. This work uses One-WAY ANOVA? Write proper significance of this work.</li> <li>11. Is this work is appropriate for TWO-WAY ANOVA.</li> <li>12. Uniformity in references is highly recommended and also follow journal's guidelines.</li> <li>13. Correction of grammatical mistakes and proper use of articles, prepositions etc must be improved.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b> Can be improved,</p>		
<p><b>Optional/General</b> comments</p>		

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**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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