

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_114703
Title of the Manuscript:	Modern Agro Techniques for Carbon Sequestration to Mitigate Climate Change
Type of the Article	Review Article

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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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? The manuscript is indeed important for the scientific community as it addresses a pressing issue of global significance - climate change mitigation through modern agricultural techniques for carbon sequestration. It provides an overview of various methods and technologies for reducing carbon emissions and storing carbon, offering valuable insights for researchers, policymakers, and practitioners in environmental science and agriculture. 2. Is the title of the article suitable? The title of the article effectively reflects the content and focus of the manuscript. It indicates that the article discusses modern agricultural techniques for carbon sequestration to mitigate climate change. Therefore, the title is suitable as it accurately captures the essence of the research. 3. Is the abstract of the article comprehensive? The abstract of the article provides a comprehensive overview of the key points discussed in the manuscript. It outlines the problem of global warming, the role of greenhouse gases, the importance of carbon sequestration, and various techniques employed for carbon storage. Additionally, it highlights the significance of the topic and the potential solutions offered. Overall, the abstract effectively summarizes the content of the manuscript. 4. Are subsections and structure of the manuscript appropriate? The subsections and structure of the manuscript are appropriate as they logically organize the content into distinct sections covering different aspects of carbon sequestration techniques. Each subsection addresses a specific method or technology, providing clarity and coherence to the manuscript. The structure facilitates easy navigation and understanding of the complex topic. 5. Do you think the manuscript is scientifically correct? The manuscript appears to be scientifically correct, as it draws on established scientific literature and research findings to support its arguments and discussions. The information presented aligns with current understanding and knowledge in climate science, agriculture, and carbon sequestration technologies. 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form The references provided in the manuscript are sufficient and include a mix of recent and relevant sources, enhancing the credibility and reliability of the research. However, to further enrich the manuscript, additional references related to recent advancements or alternative approaches in carbon sequestration techniques could be considered. For example, recent studies on the effectiveness of biochar application in soil carbon sequestration or innovative methods for enhancing forest carbon stocks could be included. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 		

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Optional/General comments	To emphasize the importance of interdisciplinary collaboration and holistic approaches in addressing climate change through carbon sequestration techniques. As the manuscript discusses various methods spanning agriculture, forestry, geology, and biochemistry, highlighting the need for interdisciplinary research and policy frameworks could underscore the complexity of mitigating climate change and the necessity for comprehensive solutions. This would emphasize the interconnectedness of different sectors and the potential synergies that can arise from integrating diverse expertise and perspectives.	
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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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