

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_130922
Title of the Manuscript:	The Role of Smart Farming Technologies in Mitigating Climate Change and Enhancing Agricultural Sustainability
Type of the Article	

PART 1: 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The manuscript addresses critical areas of AI, ML, financial analysis, sentiment detection, and blockchain applications, all of which are highly relevant to the scientific community. It contributes to multiple domains, including healthcare (AI for lung cancer detection), cybersecurity (phishing detection), and finance (stock market and mutual fund optimization), providing interdisciplinary insights. Furthermore, the research on federated learning, DevOps in academia, and political ad spending in elections is valuable for both technical and policy-driven discussions. However, the manuscript needs clearer articulation of its novelty in each domain to distinguish itself from existing works.	The article contains insights on the smart agriculture technology to combat climate change issues. It also highlights the importance of integrating smart farms technology to achieve sustainable food production.
Is the title of the article suitable? (If not please suggest an alternative title)	Title is suitable for the article.	Noted
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.	The manuscript addresses critical areas of AI, ML, financial analysis, sentiment detection, and blockchain applications, all of which are highly relevant to the scientific community. It contributes to multiple domains, including healthcare (AI for lung cancer detection), cybersecurity (phishing detection), and finance (stock market and mutual fund optimization), providing interdisciplinary insights.	Noted
Is the manuscript scientifically, correct? Please write here.	While the manuscript covers diverse AI and ML applications, its scientific soundness must be critically assessed in each section. Are all methodologies rigorously validated using appropriate evaluation metrics? Have benchmark comparisons been performed where necessary?	Additional information added with reference.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The manuscript should ensure that references are up-to-date, particularly in rapidly evolving fields like AI, ML, federated learning, blockchain, and financial modeling.	Recent papers have been looked at form past years and referenced using endnote application.
Is the language/English quality of the article suitable for scholarly communications?	The manuscript should maintain a formal, precise, and scholarly tone appropriate for an academic publication. Are there any ambiguities, redundancies, or informal expressions that need refinement?	Checked and corrected.
Optional/General comments		

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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>	