

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_98594
Title of the Manuscript:	Forecasting of crop yield using remote sensing data, agrarian factors and machine learning approaches
Type of the Article	Research

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljerr.com/index.php/JERR/editorial-policy>)

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)
Compulsory REVISION comments 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. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	Yes, the manuscript is important for the scientific community as it discusses the use of machine learning approaches, remote sensing data, and agrarian factors for predicting crop yield. Accurate forecasting of crop yield is crucial for food policy, market prices, import/export laws, and humanitarian aid. The review also highlights the gaps in our understanding of deep learning methodologies and remote sensing data, which can guide future research in this area. Overall, the manuscript provides valuable insights into the potential of these techniques for improving agricultural production, which is an important issue for the scientific community Yes Yes, the abstract of the article is comprehensive as it provides a clear overview of the main topics covered in the manuscript, including the importance of predicting crop yield, the use of machine learning approaches, remote sensing data, and agrarian factors for forecasting crop yield, and the gaps in our understanding of these techniques. It also briefly describes the methodology used in the literature review and the main findings of the study. Overall, the abstract provides a concise and informative summary of the manuscript's content. No No, because technical mistakes are present in the manuscript. Outdated references are used.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	No	
Optional/General comments	The manuscript appears to be well-written and organized, with clear research questions and objectives. The use of a literature review approach is a useful methodology for synthesizing existing knowledge and identifying gaps in the field. The paper provides a clear and concise summary of the study's main findings and conclusions, which is essential for readers to understand the significance of the research. The study's focus on the use of machine learning approaches, remote sensing data, and agrarian factors for predicting crop yield is an important and timely topic that could have significant implications for agriculture and food security.	

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>	

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