

Review Form 3

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_125494
Title of the Manuscript:	Assessment and delineation of GPS-GIS based Soil Fertility Maps of Instructional Farm, Malegaon tehsil Baramati
Type of the Article	Original Research 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>
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.	This manuscript provides important information on soil nutrient levels and chemical properties at the Instructional Farm in Malegaon tehsil Baramati, using GIS and GPS technologies for mapping purposes. The results on pH, electrical conductivity, organic carbon, and nutrient availability are essential for sustainable farming methods. I value the thorough process and incorporation of pertinent sources that improve its believability. In general, it offers a significant contribution to the fields of soil science and agricultural management.	
Is the title of the article suitable? (If not please suggest an alternative title)	It is suitable but adding GPS in the title is not necessary because it is understood that GPS is part of GIS	
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.	I found it good, and it would be better if the authors added a brief conclusion or implication of the findings to enhance the abstract by providing context on the significance of the research.	
Are subsections and structure of the manuscript appropriate?	<p>Yes, the manuscript's subsections and structure are well-organized, enhancing readability and effectively communicating the research findings. However, it would be better if the following issues were considered:</p> <p>Methods: Sampling techniques: Include details about how sampling sites were selected to enhance methodological accuracy.</p> <p>Result section: Insert maps immediately after their respective result section so that readers can easily understand your result</p> <p>Conclusions:</p> <ul style="list-style-type: none"> - Expand on the implications of findings, particularly for organic carbon and calcium carbonate, to provide a more comprehensive understanding of soil health. - A brief statement on potential future research or management practices based on the findings could provide a forward-looking perspective and enhance the conclusion's impact. 	
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.	This manuscript is scientifically sound due to its appropriate methodology and use of established analytical techniques for assessing soil properties. The use of GIS technologies enhances clarity in mapping soil chemical characteristics.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references are generally sufficient but could be improved by including more recent studies from the last five years on soil nutrient management and GIS applications to enhance credibility.	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, except few editorials issues for example	
Optional/General comments		

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:	Baye Terefe
Department, University & Country	Injibara University, Ethiopia