

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_112862
Title of the Manuscript:	Assessment of Spatial variability in Groundwater quality of Kurnool region Using Geographical Information System
Type of the Article	Research Paper

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PART 1: Review Comments

	Reviewer's comment	Author's comment <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>
<p><u>Compulsory</u> 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>	<p>While the topic of assessing groundwater quality in Kurnool region using GIS holds significant interest, the manuscript unfortunately falls short in several key areas, necessitating a major revision before it can be considered for publication. The relevance of studying groundwater quality in Kurnool is undeniable, making the research potentially impactful.</p> <p>Weaknesses:</p> <ul style="list-style-type: none"> • Structural deficiencies: The manuscript's organization and flow require restructuring to enhance clarity and logical progression. • Weak Introduction: The introduction fails to adequately position the research within the existing body of knowledge, neglecting recent advancements in the field. • Methodological shortcomings: The employed methods lack innovation and overlook promising avenues for investigation, such as incorporating new parameters for water quality assessment. • Unclear results: The spatiotemporal figure fails to effectively communicate the obtained findings, and the justification for the results based on observations and calculations remains insufficient. • Language editing: The manuscript would benefit significantly from editing by a native English speaker to improve clarity and fluency. <p>Recommendations for revision:</p> <ul style="list-style-type: none"> • Strengthen the introduction: Refine the introduction to effectively position the research within the current understanding of groundwater quality in Kurnool. Highlight recent advancements and knowledge gaps addressed by the study. • Refine the results section: Revise the spatiotemporal figure to effectively convey the findings. Strengthen the justification for the results by providing a more detailed explanation based on observations and calculations specific to the Kurnool aquifer. • Improve structural flow: Restructure the manuscript to enhance clarity and logical progression of the research. • Seek language editing: Consider editing the manuscript by a native English speaker to improve readability and flow. <p>Overall, the manuscript requires significant revision to address the concerns outlined above. By incorporating novel methodologies, strengthening the introduction and results section, and improving the overall structure and language, the research has the potential to contribute meaningfully to the understanding of groundwater quality in Kurnool.</p> <p>I encourage the authors to carefully consider these recommendations and revise the manuscript accordingly.</p>	

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	Sincerely,	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Language needs to be improved	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <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>
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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