

Review Form 3

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| Journal Name: | Asian Journal of Soil Science and Plant Nutrition |
| Manuscript Number: | Ms_AJSSPN_125391 |
| Title of the Manuscript: | Assessment of Groundwater Quality for Irrigation in Jhagadia, Netrang and Valia Taluka of Bharuch District in South Gujarat, India |
| Type of the Article | |

Review Form 3

PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|---|---|
| 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. | I've come to the conclusion that the manuscript, Assessment of Groundwater Quality for Irrigation in Jhagadia, Netrang, and Valia Taluka of Bharuch District in South Gujarat, India, will benefit the surrounding communities, the district's policymakers, and other locations with comparable circumstances after carefully reading the entire thing. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Yes | |
| 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. | No Please clearly write your abstract by considering problems of statement, methodology, research design, findings, and conclusions. | |
| Are subsections and structure of the manuscript appropriate? | No specially the Methodology Part | |
| 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. | The scientific acceptance of the manuscript will enhance if it is changed once more in light of the feedback provided on the key documents. The article brought up a significant concern regarding the world in the present circumstances. The study will adhere to all complete scientific results and comparisons; it will demonstrate the influence of one parameter on another; and it will demonstrate how land use, land cover, recharge, and soil qualities all affect the quality of the water. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Yes | |
| Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications? | Do you need to integrate both post-monsoon and pre-monsoon irrigation water quality indexes for a better comparison? You need to tell us about the land-use land cover of the area. You need to tell us the properties of the soil of your study area, so you need to tell us the standards you have used to evaluate the water quality, to say whether it is good or bad? You need to integrate the hydrological data, the aquifer properties, well data and boundary conditions in detail | |
| 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) |
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| 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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| Name: | Moges Tariku Tegenu |
| Department, University & Country | Wolkite University, Ethiopia |