

Review Form 1.7

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_118614
Title of the Manuscript:	GROUNDWATER QUALITY OF REGIONS SURROUNDING THE NOYYAL RIVER IN TIRUPPUR DISTRICT AND ITS IMPACT ON AGRICULTURE
Type of the Article	Research Article

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:

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> This research paper has real importance to scientific community since it associate with hydrochemistry and agricultural science. By calculating water quality index and analyzing water quality this research paper bridges with the significant study of hydrochemistry; while, by concentrating on agricultural commodities with ground water quality as per delineated region. This paper also proves its significant with agricultural science. The title of the article is suitable. The abstract of the article is comprehensive. Subsections and structure of the manuscript are appropriate. The manuscript is scientifically correct. The references are sufficient and recent. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<ol style="list-style-type: none"> English language needs revision raise the quality of the research paper. 	
<p>Optional/General comments</p>	<p>Review Report</p> <p>The research article entitled "GROUNDWATER QUALITY OF REGIONS SURROUNDING THE NOYYAL RIVER IN TIRUPPUR DISTRICT AND ITS IMPACT ON AGRICULTURE" is thoroughly reviewed following observations are found as review report.</p> <ol style="list-style-type: none"> In the Abstract (Constructed water quality index is also high (<75%) in the closer region showing the high pollution intensity) inside of less than sign, greater than sign should be used. The second objective proposed in the end of the introduction section is not properly analyzed in the thorough analysis of the research paper. Details like instrument, method etc. of the water quality analysis as shown in the table number 3 should be clearly mentioned in methodology for more clarity of the paper. The discussion related to demographic pattern of the sample farms seems irrelevant to the point, impact of ground water pollution on agriculture. In the table number 4 family size has been mentioned in which the number of male, female and children are categorized. But it is ambiguous whether the children are male or female. The title of the table number 5 is not suitable to the context of the content in the table. There is no documentation in the body of the research paper of the last citation in the list of the references. English language needs revision raise the quality of the research paper. 	

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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:

Name:	Sanjib Pramanik
Department, University & Country	Durga College Raipur (C.G.), India