

Review Form 1.7

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_96844
Title of the Manuscript:	Economic Impact of Industrial Water Pollution on Agriculture and Rural Households in Bhavani River basin of Tamil Nadu
Type of the 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:

(<https://www.journalajaees.com/index.php/AJAEES/editorial-policy>)

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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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript reviewed is devoted to “Economic Impact of Industrial Water Pollution on Agriculture and Rural Households in Bhavani River basin of Tamil Nadu”. It deals with an important environmental and economic problems in relation with agriculture. It is worthy to be published.</p> <p>However, some amendments are necessary before be ready for publication. The major weakness of the present work is about methodology writing and discussion comment. Our important suggestions are presented below.</p> <p>Introduction.</p> <ul style="list-style-type: none"> a- It is written : “the water supply is becoming increasingly contaminated and depleted due to agricultural and industrial activity “. This sentence needs to be rephrased. It is the water that is contaminated and human gets his supplies of contaminated water. b- It is written : “Urbanization on water resources “. Explain the double way, with supporting references. c- It is written : “ As a result of increasing industrialization ... the total requirement in 2025 “Justify this sentence with its reference. d- It is written : “ Poor environmental management systems, particularly in industries such as thermal power plants, leather processing, sugar mills, chemicals, metals and minerals, have resulted in the discharge of highly toxic and organic wastewater “ Justify this sentence with its reference. e- It is written : “ Studies on their effect on groundwater quality indicate the presence of chromium in a polluted area’s groundwater in excess of the permissible limits for drinkable water standards “. Indicate the study period, the study site and the chromium concentration obtained. f- Adopt a unique style for references either thank you or many but not both. <p>Methodology.</p> <ul style="list-style-type: none"> a- Why is the period from September 2021 to December 2021 not mentioned? b- The study has be done from September 2021 to December 2022. Authors should explain, why? c- Authors should give more details about sampling stations. An environmental study is illustrated by a map. I don’t see any here. Establish a map that will locate the study area and the selected sites. Also indicate the geographical coordinates of these 18 villages in a table for example. <p>Results and discussion.</p> <ul style="list-style-type: none"> a- Authors should choose a unique style for tables 1 and 2. Use the decimal with 2 decimal places for all values. b- The “results” section does not contain any bibliographical reference. A discussion is made by presenting its results or observations followed by its interpretation based on the studies already carried out. Finally, comparisons are made with previous studies. Authors should improve the discussion <p>Conclusion.</p> <p>The conclusion summarizes the main work carried out and offers guidelines. This is not the place to discuss or explain the observations. You can adopt the following plan. You confirm the impact of industrial pollution on your study area. You present the relevant economic impacts of the affected areas. Finally, you make suggestions if necessary.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 		
<p>Optional/General comments</p>		

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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>	

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