

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_123799
Title of the Manuscript:	Monitoring and Assessment of Subarnarekha River Water Quality Using Water Quality Index
Type of the Article	Original Research Article

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.	The manuscript presents a thorough analysis of the water quality of the Subarnarekha River using WQI, with clear methodologies and well-documented results.	
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.	Abstract; The abstract for this article provides a clear and concise summary of the study's purpose, methods, results, and conclusions. It effectively explained the significance of the research and the main findings. However, it would be beneficial to briefly mention any major implications of the research findings in the future. Yet 6.76 - 26.4 this number needs to give "unit" example NTU or others.	
Are subsections and structure of the manuscript appropriate?	YES	
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.	<p>Introduction The introduction provides a good background on the importance of the water quality of the Subarnarekha River, yet it effectively elaborates why this study is necessary. However, the introduction could benefit if made some brief overview of previous studies related to the water quality of the Subarnarekha River to highlight any gaps this study aims to fill.</p> <p>Methodology The methodology is well-defined and covers all critical aspects of sample collection and analysis. The use of a specific water quality index (WQI) and the weighted arithmetic method is clearly explained. This methodology would be better if adding more details on the calibration and validation of the instruments used for measuring parameters. Yet, it might also be useful to briefly describe the rationale behind choosing the specific sampling sites and how they represent the river's overall condition.</p> <p>Results and Discussion The results are presented in a clear and organized manner, with tables and figures that effectively illustrate the variations in water quality across different sites and months.</p> <p>Conclusion The conclusion summarizes the main findings and the overall water quality status of the river. However, the key implications of the findings suggest specific actions or further studies needed to address any identified issues.</p>	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References The references are comprehensive and relevant, covering a range of studies on water quality and indices. However, most of the articles (<80%) are more than 5 years back if possible try to get the latest article.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Fair	
Optional/General comments	The manuscript is well-organized, and the data is presented clearly. The use of tables and figures aids in understanding the results. However, suggest that the article need to perform a final proofread to correct any typographical or grammatical errors.	

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:	Ahmad Aftas Bin Azman
Department, University & Country	Politeknik Sultan Salahuddin Abdul Aziz Shah, Malaysia