

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_124809
Title of the Manuscript:	Study of the water quality of the Tranza and Albarika wells using Python software
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>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.</p>	<p>The paper presents a comprehensive study on the water quality of the Tranza and Albarika wells, emphasizing the critical role of water as a fundamental resource for both health and economic activities. It highlights the pressing issues of water pollution and the challenges faced by communities that rely on untreated water sources.</p> <p>The paper is well-written and has a good logical flow. It contributes to the field of environmental science, public health, and water resource management.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>"Assessing Water Quality and Public Health Risks in Tranza and Albarika Wells Using Python"</p>	
<p>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.</p>	<p>The abstract provides a general overview of the study's focus on water quality in the Tranza and Albarika districts but could be enhanced for clarity and comprehensiveness. It should clearly state the primary objectives of the research at the beginning to provide context. Key findings, such as specific physicochemical parameters that did not meet standards and the implications of high total coliform counts, should be summarized to highlight the study's contributions. Additionally, a brief mention of the methodology used for data collection and analysis would give readers insight into the research design. Finally, including a statement about the potential public health risks associated with the findings and any recommendations for improving water quality would make the abstract more informative and engaging.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>		
<p>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>	<p>The manuscript demonstrates scientific correctness through its systematic approach to assessing water quality in the Tranza and Albarika districts, utilizing established methodologies for both physicochemical and bacteriological analyses. The use of Python software for statistical analysis indicates a rigorous approach to data handling, enhancing the reliability of the results. Furthermore, the study adheres to national and international standards for water quality assessment, ensuring that the findings are relevant and comparable to existing literature. The comprehensive evaluation of various parameters, along with the correlation analysis between physicochemical and bacteriological factors, adds depth to the research, making it technically sound and robust in addressing the public health implications of water quality in the studied areas.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Avoid the words “we” and “our.” --> Avoiding these words is common in conference/journal papers.	
Optional/General comments	The methodology section could be expanded to include more specifics about the sampling process, the parameters measured, and the statistical methods used for analysis. This would enhance the reproducibility of the study and allow for better comparison with other research. Also having a screenshot of a Jupyter environment in a research paper is not proper. You can create an excel table to explain what you are trying to discuss.	

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:

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