

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_106903
Title of the Manuscript:	Study of the hydrochemical characterization of drinking water from the aquifer of the town of Guitté at Hadjer Lamis
Type of the Article	Original Research Article

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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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The presented manuscript is an important and commendable work to scientific research community. The study focused on the Hydrogeochemical characterization of a local aquifer to determine the water quality of the study area.</p> <p>Yes, the title of the article is suitable.</p> <p>Yes, the article is partially comprehensive. The abstract can be written in a way that summarise more of the important aspect adopted in determining the hydrogeochemical facies of the water samples and elucidate more about water quality results.</p> <p>The structure of the manuscript is not fully appropriate, part of section 2.1, can be arrange better and the figure 1 cited can be adopted in this section. In section 2.2, more details can be provided on the ion analysis methods and why they are adopted. The manuscript is scientifically correct.</p> <p>The references need to be work on, only one most recent paper cited in 2020. The author can adopt more recent papers to back up its findings.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The English quality of this article is suitable for scholarly communications and understanding. However, there are few grammatical errors and punctuations errors in this manuscript. I suggest the author review and correct all grammatical errors and do proper use of punctuations.</p>	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> 1. Work on the map of the study area Fig 1, Author can add a supporting legend indicating the sample points and what the represent. 2. Work on Figure 1, 2, 3, and 4, Author can remodify the graphs axis title and graph title for easy comprehension and Interpretations in English. 3. Section 1.3 Geology and Hydrogeology, I suggest the author can add the geologic map of the study area. <p>Section 3.2 Analysis of Chemical Parameters. Author can minimise making too many citations in the result section, more emphasis on result correlation with previous works can be done in conclusion section.</p> <p>The water quality result data summary can be more comprehensive since there were too many sample points, I suggest the author can present a summary table for the ion concentrations of each of the cation and anions of each sample points used for the piper plot.</p> <p>No uniformity in the sample points labels, on the map it was labelled GTF while in the result section it only discussed as F.</p> <p>Author can work more on the result maps and graphs for clear presentations.</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>	

Reviewer Details:

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