

Paper: “Apport de la Fracturation et des Méthodes d’analyses Statistiques à l’étude Hydrogéochimique des Eaux Souterraines du Massif Calcaireux de la Région de Tlata Taghramt, Chaîne Calcaire du Haouz (Rif Septentrional, Maroc)”

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The TITLE is clear and it is adequate to the content of the article.

*Clear (a brief explanation is recommendable: a few spelling mistakes to be corrected)

The ABSTRACT clearly presents objects, methods, and results.

***a brief explanation is recommendable (see the document attached)**

There are a few grammatical errors and spelling mistakes in this article.

Yes (see the document attached)

The study METHODS are explained clearly.

***(a brief explanation is recommendable: see the document attached)**

The body of the paper is clear and does not contain errors.

***a brief explanation is recommendable (see the document attached)**

Indent the first line of each paragraph by 0.5 inches. Do not insert a line between paragraphs.

Subheadings may be italicised but should not be numbered (e.g. Topics).

The CONCLUSION or summary is accurate and supported by the content.

***a brief explanation is recommendable (see the document attached)**

The list of REFERENCES is comprehensive and appropriate.

***a brief explanation is recommendable (see the document attached)**

The references must be in APA format.

Please rate the TITLE of this paper.

[Poor] 1-5 [Excellent]

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- 1
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Please rate the ABSTRACT of this paper.

[Poor] 1-5 [Excellent]

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Please rate the LANGUAGE of this paper.

[Poor] **1-5** [Excellent]

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Please rate the METHODS of this paper.

[Poor] **1-5** [Excellent]

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Please rate the BODY of this paper.

[Poor] **1-5** [Excellent]

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Please rate the CONCLUSION of this paper.

[Poor] **1-5** [Excellent]

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Please rate the REFERENCES of this paper.

[Poor] **1-5** [Excellent]

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Overall Recommendation!!!

*

- Accepted, no revision needed
- Accepted, minor revision needed
- Return for major revision and resubmission
- Reject

Comments and Suggestions to the Author(s):

he topic of the manuscript is very interesting and developing. Moreover, the manuscript is balanced in scientific soundness.

Comments and Suggestions to the Editors Only:

Thank you for your trust

Habsatou Ango

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- Yes
- No

You approve, this review report is available in the "review history" of the paper:

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- Yes
- No

The TITLE is clear and it is adequate to the content of the article.

***This study is very relevant, but the wording of the title could be improved as the statistical analysis methods as described in the article are integral parts of hydrochemistry.**

The ABSTRACT clearly presents objects, methods, and results.

***The abstract does describe the objectives of the study, but the methodology adopted is not explained and the main expected results are not included in the abstract.**

Taking into account the general objective of the study, the summary should highlight the hydrodynamic characteristics: transmissivities, storage coefficient, porosity, flow rates, the piezometric study which should provide the static levels of the aquifers and the depth of the water wells. As for the hydrochemical study, it must indicate the type of water, the evolution of mineralization and the quality of the water.

There are a few grammatical errors and spelling mistakes in this article.

The article is well written while respecting the grammatical rules and avoiding spelling mistakes. Nevertheless, there are a few typos to correct.

The study METHODS are explained clearly.

***the approach followed or the methodology is not well explained and the analysis methods are not well detailed. Moreover, this paragraph, which should allow a good understanding of the stages of the study, seems to me very short in the document.**

The body of the paper is clear and does not contain errors.

***The text is fluid and links nicely notwithstanding, a few long sentences to rephrase. The figures are on the whole clear and neat, but the sources of the maps are missing. The articulation of the chapters is judicious with good references to the figures, but for the quotations, opt rather for author, date.**

The CONCLUSION or summary is accurate and supported by the content.

*The conclusion highlights the type of aquifer, numerous springs in the study area and the chemical facies of the water. What emerges from the body of the document.

The list of REFERENCES is comprehensive and appropriate.

***A rich documentation related to the theme of study has been presented. I suggest an improvement in the presentation of the bibliographic references by using the following structure: author, date, title...**

Please rate the TITLE of this paper.

[Poor] **1-5** [Excellent]

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Please rate the ABSTRACT of this paper.

[Poor] **1-5** [Excellent]

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Please rate the LANGUAGE of this paper.

[Poor] **1-5** [Excellent]

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Please rate the METHODS of this paper.

[Poor] **1-5** [Excellent]

*

- 1
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Please rate the BODY of this paper.

[Poor] **1-5** [Excellent]

*

- 1
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Please rate the CONCLUSION of this paper.

[Poor] **1-5** [Excellent]

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Please rate the REFERENCES of this paper.

[Poor] **1-5** [Excellent]

*

- 1
- 2
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- 5

Overall Recommendation!!!

*

- Accepted, no revision needed
- Accepted, minor revision needed
- Return for major revision and resubmission
- Reject

Comments and Suggestions to the Author(s):

In this dynamic of climate change, this study which aims to capitalize the water potential of groundwater in the region of Tlata Taghramt is very relevant. I urge the author to take into account all the observations that do not hinder the quality of the document, but on the contrary to contribute to improve the scientific quality of this article

Comments and Suggestions to the Editors Only:

The shortcomings of form and substance noted do not affect the intrinsic quality of the work of Mr. Hassan Barhi. This work will undoubtedly contribute to the knowledge of the water potential and the quality of water for human consumption in the study area. I suggest to the different editors who had the chance to read this article to accept it subject to the consideration of all the observations.