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| Journal Name: | **[Archives of Current Research International](https://journalacri.com/index.php/ACRI)** |
| Manuscript Number: | **Ms\_ACRI\_139345** |
| Title of the Manuscript: | **MONITORING OF FLUORIDE CONTENT IN WATER SUPPLIED FOR HUMAN CONSUMPTION IN MUNICIPALITIES IN CEARÁ: SPATIAL ANALYSIS FOR 2024** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(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. A minimum of 3-4 sentences may be required for this part.** | **This manuscript represents a valuable scientific contribution by presenting novel findings on a topic that has been insufficiently addressed in previous literature. The study is based on a precise methodology and reliable analysis, which enhance the significance of the results. It also supports current research trends and provides a foundation for evidence-based practical applications.** | Dear reviewer, thank you for your comments. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title is appropriate but a bit long**  **suggest :**  **Spatial Distribution of Fluoride in Drinking Water in Ceará – 2024** | Dear reviewer, thank you for the suggestion but I prefer to keep the original title. |
| 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. | **The abstract is comprehensive and covers key elements such as the objective, methodology, and results, which is a positive aspect. The use of spatial analysis also adds scientific value.**  **However, it is recommended to clarify the objective more precisely, present the results more concisely to highlight the most important findings, and strengthen the conclusion by linking the results to specific recommendations.** | Dear editor, thank you for your suggestions and I have made all necessary adjustments. |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is scientifically sound, as it is based on reliable data and applies appropriate spatial analysis using the Moran Index. The results are presented in an organized and statistically supported manner. However, it is recommended to clarify certain methodological aspects, such as the recency of the data, and to better link the findings to recommendations in order to highlight the public health impact and enhance the scientific and practical value of the study. | Dear Editor, all requests have been met. Thank you. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are sufficient and cover the topic well, with some being recent. It is recommended to add one or two more up-to-date sources to strengthen the study’s currency. | Dear reviewer, thank you for your comments. However, I believe that the references already meet the need for the study. |
| Is the language/English quality of the article suitable for scholarly communications? | The language is suitable for academic publication, but a light language review is recommended to improve clarity and precision. | Dear Editor, the language has been revised and improved. Thank you. |
| Optional/General comments | **The topic is important and relevant to public health.**  **Spatial analysis is well-applied and supports the findings.**  **Adding more recent references is recommended.**  **A light language review would improve clarity.**  **Clarifying the methodology would enhance accuracy.** | Thank you for your considerations. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | There are no ethical issues |