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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 study will help guide public policies to promote oral health, considering that, by mapping the areas with the lowest fluoridation coverage, it will be possible to target specific actions to each municipality** | Thanks |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Spatial Monitoring of Fluoride in Drinking Water across Ceara’s Municipalities: A 2024 Analysis** | Dear Reviewer, Thank you for the suggestion. |
| 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. | **Conclude the “Abstract” with a statement regarding the policy implications of the findings.** | Dear reviewer, a conclusion with suggestions has been added to the summary. |
| Is the manuscript scientifically, correct? Please write here. | Yes, But it would be better If he could include seasonal variation in fluoride content. | Thanks. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The manuscript lists 30 references, but only 29 are actually cited within the text.** | Dear editor, this has been fixed, thank you. |
| Is the language/English quality of the article suitable for scholarly communications? | In “Discussion” section some text appears in lowercase letters (like ceara & brazil) where uppercase is required. Please correct these instances. | Dear reviewer, these corrections have been fixed. |
| Optional/General comments | In the “Introduction” section, fifth paragraph, the number “4” has been mistakenly inserted in the first sentence. Please remove the misplaced “4.”  After the “Introduction,” please add a “Study Area” section that describes the physical and social characteristics of the study location.  Please specify the month(s) during which the samples were collected in the methodology section.  Since the author focused on a single water quality parameter, it would be beneficial to evaluate seasonal variations in order to assess the influence of rainfall on fluoride levels. | Dear reviewer, all suggested disadvantages have been accepted. |

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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 |