

Review Form 3

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|--------------------------|---|
| Journal Name: | Advances in Research |
| Manuscript Number: | Ms_AIR_128172 |
| Title of the Manuscript: | Application of the Susceptible Infectious Susceptible (sis) model for the appraisal of the disseminating potential of waterborne parasites in domestic water sources in Bamenda (Cameroon) |
| Type of the Article | |

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: 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> |
|---|---|--|
| 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. | The author deals with a sensitive and relevant subject of water contamination by water-borne diseases, particularly those caused by parasitic agents. It is of course interesting to know the degree of propagation of said pathogens in waters linked to human use. However, some limitations remain, notably clear illustrations of the level of propagation of said parasites within water resources and/or individuals having consumed the resource; factorial analyzes and/or binary logistic regressions establishing the connection in addition to the model mentioned to refine the study. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Acceptable, just clearly support the graphic illustrations of the model for better understanding | |
| 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. | Review the structuring of the summary, Include the figures in the summary | |
| Is the manuscript scientifically, correct? Please write here. | In the introduction, present in a few lines a review of the literature on the application of the SUSCEPTIBLE INFECTIOUS SUSCEPTIBLE (SIS) model, highlight the limits of previous studies then clearly highlight the added value of the present study for greater clarity and consistency. Parts III.1 and III.2 of the results relate more to the methodology than to the results, to be reviewed. Inconsistency, the author mentions "the characterization and identification of intestinal parasites" in the summary, only this does not appear in the methodology of the study, nor in the results precisely. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Add references. Read the documents opposite among others: https://www.semanticscholar.org/author/Eboa-Mbonjo-FranckCloreil/2224122798 Integrate DOIs of Bibliographic references | |
| Is the language/English quality of the article suitable for scholarly communications? | Have the document read by a native English-speaking colleague | |
| Optional/General comments | Insert a thematic map of spatial coverage of sites highlighted in the study area (Map); Review the codes in figures 1 and 2, not very readable | |

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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|----------------------------------|---------------------------------------|
| Name: | Eboa Mbonjo Franck Cloreil |
| Department, University & Country | University of Douala, Cameroon |