

**Paper: “Water, Sanitation, Waste Management, and Professional Activities in Relation to Diseases with Neighboring Citizens of Congo Rivers in the Brazzaville Agglomeration (Republic of Congo)”**

**Submitted: 16 February 2024**

**Accepted: 14 July 2024**

**Published: 31 July 2024**

Corresponding Author: Nzila Jean De Dieu

Doi: [10.19044/esj.2024.v20n20p60](https://doi.org/10.19044/esj.2024.v20n20p60)

Peer review:

Reviewer 1: Blinded

Reviewer 2: Nadia Boutaleb  
Hassan II University of Casablanca, Morocco

### ESJ Manuscript Evaluation Form 2024

This form is designed to summarize the manuscript peer review that you have completed and to ensure that you have considered all appropriate criteria in your review. Your review should provide a clear statement, to the authors and editors, of the modifications necessary before the paper can be published or the specific reasons for rejection.

Please respond within the appointed time so that we can give the authors timely responses and feedback.

NOTE: ESJ promotes peer review procedure based on scientific validity and technical quality of the paper (not perceived the impact). You are also not required to do proofreading of the paper. It could be recommended as part of the revision. The copyrights of the report are on the publisher and the data can be used for research purposes.

***ESJ editorial office would like to express its special gratitude for your time and efforts. Our editorial team is a substantial reason that stands ESJ out from the crowd!***

Reviewer Name: Nadia BOUTALEB	
University/Country: Hassan II University of Casablanca	
Date Manuscript Received: March 18, 2024	Date Review Report Submitted: March 30, 2024
Manuscript Title: <b>Impact of waste management on surface water and soil pollution on the right bank of the Congo River in the Brazzaville agglomeration (Republic of Congo)</b>	
ESJ Manuscript Number: <b>0248/24</b>	
You agree your name is revealed to the author of the paper: <b>Yes</b>	
You approve, your name as a reviewer of this paper, is available in the “review history” of the paper: <b>Yes</b>	
You approve, this review report is available in the “review history” of the paper: <b>Yes</b>	

#### Evaluation Criteria:

Please give each evaluation item a numeric rating on a 5-point scale, along with a thorough explanation for each point rating.

<i>Questions</i>	<i>Rating Result</i> [Poor] 1-5 [Excellent]
<b>1. The title is clear and it is adequate to the content of the article.</b>	<b>1-2</b>
<i>The title does not adequately reflect the results obtained. The relation between the state of management and the impact on water and soil is not verified by the study, which is focused especially on establishing a diagnosis of the existing situation.</i>	
<i>The title should be in line with the content, so I suggest changes, to consider the content of the article, touching on the following issues:</i>	

<i>The current state of waste management, agricultural practices and the water supply related to professional activities and occurrence of diseases with neighbouring citizens of Congo Rivers in the Brazzaville agglomeration (Republic of Congo)</i>	
<b>2. The abstract presents objects, methods, and results.</b>	<b>2</b>
<i>There are several grammatical errors, and several sentences need to be re-edited I have corrected several errors that I suggest the author consider in order to improve his abstract</i>	
<b>3. There are a few grammatical errors and spelling mistakes in this article.</b>	<b>2-3</b>
<i>English needs to be improved Several forgotten spaces need to be inserted between two words, so I've corrected some of them directly on the document</i>	
<b>4. The study methods are explained clearly.</b>	<b>4</b>
<i>Yes</i>	
<b>5. The results are clear and do not contain errors.</b>	<b>4</b>
<i>Yes</i>	
<b>6. The conclusions or summary are accurate and supported by the content.</b>	<b>3-4</b>
<i>Yes</i>	
<b>7. The references are comprehensive and appropriate.</b>	<b>1-2</b>
<i>All references should be adapted to APA citation style. It is also crucial to pay particular attention to the initials of authors' names when citing references and to punctuation, especially commas and points positions. Lack of citations providing data on the area studied.</i>	

**Overall Recommendation** (mark an X with your recommendation) :

Accepted, no revision needed	<input type="checkbox"/>
Accepted, minor revision needed	<input type="checkbox"/>
Return for major revision and resubmission	<input type="checkbox"/>
Reject	<input type="checkbox"/>

**Comments and Suggestions to the Author(s):**

*The title does not adequately reflect the results obtained. The relation between the state of management and the impact on water and soil is not verified by the study, which is focused especially on establishing a diagnosis of the existing situation. The title should be in line with the content, so I suggest changes, to consider the content of the article, touching on the following issues:*

*The current state of waste management, agricultural practices and the water supply related to professional activities and occurrence of diseases with neighbouring citizens of Congo Rivers in the Brazzaville agglomeration (Republic of Congo)*

*Please include all authors and their affiliations, email addresses, and other information like ORCID ID according to the journal instructions*

*The introduction is insufficient*

*The introduction lacks specific data which SPECIFICALLY justifies the problems associated with Brazzaville agglomeration.*

*There is no evidence that the site is really polluted (pollution is confirmed when it is assessed using physico-chemical and biological parameters, and compared with the applicable standard limits). Nor is there any evidence that any pollution comes from professional activities in the area.*

*Please include the source of "Figure 1".*

*Figure 1 figure 1 contains a caption and a lot of text in French*

*There is no need to use two figures to communicate what you want to transmit in Figures 1 and 2. You can use just one figure.*

*there are other errors in the figures (see the comments inserted directly into the article)*

*How did you prove that soil and water pollution is due to poor management of household waste and urbanisation without carrying out physicochemical and microbiological analyses?*

*All references should be adapted to APA citation style. It is also crucial to pay particular attention to the initials of authors' names when citing references and to punctuation, especially commas and points positions.*

**Comments and Suggestions to the Editors Only:**