REVIEWER'S REPORT

Manuscript No.: **IJAR-51791**   Date: May 21 2025

Title: ESTIMATION OF POLLUTANT FLOWS IN THE SÃ" AND DJONOU RIVERS TRIBUTARY TO LAKE NOKOUE IN WEST AFRICA,

Recommendation:

Accept as it is ....

Accept after minor revision.................

Accept after major revision ....

Do not accept (*Reasons below*) **........**

Rating	Excel.	Good	Fair	Poor
Originality		X		
Techn. Quality		X		
Clarity			X	
Significance			X	

Reviewer Name: Lakhdar Guerine   **Date:** May 21 2025

Reviewer's Comment for Publication.

(*To be published with the manuscript in the journal*)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

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Detailed Reviewer's Report

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

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Strengths

1. Relevant Topic: The subject addresses a primary environmental concern for the West African region.

2. Clear Methodology: Use of well-established methods (spectrophotometry, atomic absorption spectrometry, and EPA-based pollutant flow estimation).

3. Robust Data Set: Data collected over 12 months, capturing seasonal variations.

4. Meaningful Comparisons: The study builds on and compares with existing work (e.g., Madon River, Rhône-Méditerranée-Corse Basin).

Weaknesses

1. Imprecise English: Numerous grammatical and syntactic errors. A professional scientific English review is essential for international publication.

2. Poorly Integrated Figures: Some figures and graphs are poorly placed or inadequately labeled in the PDF.

3. Lack of Statistical Analysis: No statistical methods are used to validate the significance of monthly or seasonal variations.

4. Rough Flow Estimation: Using monthly averages with spot concentration values may introduce bias if variability is high.

5. Unpolished Presentation: Layout and formatting need improvement (uneven spacing, inconsistent numbering, disorganized structure).

Recommendations

1. Thorough English Proofreading by a professional with experience in scientific writing.

2. Improved Figures and Tables: Ensure proper labeling, clarity, and visual coherence.

3. Include Statistical Analyses: Mean, standard deviation, and significance tests (e.g., ANOVA) for seasonal variations.

4. Add a Dedicated Section on Methodological Limitations to acknowledge uncertainties in pollutant flow estimation.

5. Better Structural Organization: Separate and label sections such as "Results," "Discussion," and "Conclusion."