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| Journal Name: | [**Journal of Geography, Environment and Earth Science International**](https://journaljgeesi.com/index.php/JGEESI) |
| Manuscript Number: | **Ms\_JGEESI\_140434** |
| Title of the Manuscript:  | **Assessment of Sediment Deposition Rates in Orashi River, Nigeria** |
| Type of the 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.** | The manuscript addresses the issue of sediment deposition in the Orashi River, Nigeria, using classical hydrological methods and regression analysis. The topic is relevant, especially for regions affected by sediment-related challenges and insufficient monitoring infrastructure. The study presents data collected over multiple years, which may help in observing temporal trends in sediment accumulation. While the specific findings are localized, the general approach could be of interest to researchers working in similar fluvial environments or with limited access to advanced monitoring tools. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Yes, the title “Assessment of Sediment Deposition Rates in Orashi River, Nigeria” is suitable. |  |
| 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 provides a general overview of the study, including its purpose, methodology, main findings, and recommendations. However, the text is overloaded and contains many specific numerical values that are more appropriate in the main text of the article. I think it makes sense to formulate the purpose more clearly: listing all the tasks in the abstract creates unnecessary burden — it is better to combine them into one generalised sentence. Also, simplify and shorten the methodological part. |  |
| Is the manuscript scientifically, correct? Please write here. | Overall, the manuscript is correct, but in some places the formulas are difficult to read and there are errors, for example, The difference in average depths ranges from **0.3**m to **0.6m** (**3cm** to **6cm**). |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | 1. I consider the way the literature is referenced (Foteh, Garg, Nikam, Khadatare, Aggarwal & Kumar, 2018) to be unacceptable; it should be written as (Foteh et al., 2018). There are many such references in the article.2. There is insufficient relevant literature from 2023–2025. |  |
| Is the language/English quality of the article suitable for scholarly communications? |  |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s comment** *(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)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Stanislav Dushkin, Kharkiv National Automobile and Highway University, Ukraine**