Review Form 3

Journal Name:	**Asian Journal of Advanced Research and Reports**
Manuscript Number:	**Ms_AJARR_122640**
Title of the Manuscript:	**Modelling and Assessment of Flood Vulnerability of Settlements in Owerri West L.G.A in Imo State, Nigeria Using Remote Sensing and GIS**
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: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript addresses a significant issue in flood vulnerability assessment, particularly in regions where flooding poses severe risks to life and property. The use of remote sensing and GIS for vulnerability mapping is crucial for disaster management and urban planning. This study is valuable as it contributes to the understanding and mitigation of flood risks, which is essential for sustainable development in flood-prone areas.	
Is the title of the article suitable? **(If not please suggest an alternative title)**	The title is suitable for the content of the manuscript. It clearly reflects the focus on flood vulnerability assessment in Owerri West using remote sensing and GIS technologies.	
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 concise overview of the study. However, it could benefit from a more explicit mention of the specific methods used and the implications of the findings. A brief statement on the practical applications of the study would enhance its impact.	
Are subsections and structure of the manuscript appropriate?	The structure of the manuscript is appropriate, with clear subsections that guide the reader through the study's methodology, results, and discussions.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript is scientifically robust and technically sound. The methods are well-explained, and the integration of various flood causative factors in the vulnerability assessment is commendable. The use of remote sensing and GIS tools is appropriate, and the results are presented clearly with supporting figures and tables. The study's conclusions are well-supported by the data.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	The references are sufficient and recent, with relevant sources cited. However, the inclusion of more recent studies on flood vulnerability in similar regions would strengthen the literature review.	
Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	Language/English Quality: The language is generally clear, but there are some grammatical errors and awkward phrasings that should be corrected for better readability. I recommend a thorough proofreading to polish the manuscript.	
Optional/General comments	The manuscript is well-structured and contributes valuable insights into flood vulnerability assessment. Minor revisions to the abstract and language would enhance its clarity and impact.	

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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:

Name:	**Myriam Benkirane**
Department, University & Country	**University of New Hampshire, USA**