

Review Form 1.6

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_94027
Title of the Manuscript:	Spatial Assessment of Flood Vulnerability of Developed Properties in Port Harcourt Metropolis, Rivers State, Nigeria
Type of the Article	

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljgeesi.com/index.php/JGEESI/editorial-policy>)

PART 1: Review Comments

	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)
Compulsory REVISION comments	<ol style="list-style-type: none"> Review the climate of your zone of study. All places located between latitude 0° and 5° North and South of the equator fall within the equatorial climate. So how can you talk of a tropical climate within latitude 04° 48' and 05° 00'N? I think the climate should instead be equatorial. The relationship/correlation between soil texture and flood vulnerability as presented in Figure 7, Figure 8 and list 1 is not well comprehended and it has not been explained either. So could you explain why vulnerability is instead high on coarse textured soil which have high infiltration/percolation rates, and are normally supposed to be less vulnerable to floods? 	
Minor REVISION comments	<ol style="list-style-type: none"> Table 2 instead displays proximity to active river channel, and not soil texture and vulnerability like you have stated under the "Soil Texture Vulnerability Map in Port Harcourt" section. Instead, the table which displays soil texture and vulnerability to flood is named "List 1" not "table 2" Check for grammatical errors highlighted in the manuscript in green, (in the second paragraph of the introduction, is it not supposed to be "have had" instead of the "has Had" you used)? Check for spacing errors highlighted in blue The word "Landsat" is popularly considered as a common noun and should start with an uppercase letter. Also, I noticed there is no specific section for literature review in the manuscript, it is advised to be integrated. This will ease comparability with the results in your discussions and make them more perceptible. 	
Optional/General comments	<ol style="list-style-type: none"> You could add statistics like; Bifurcation ratio (Rb), stream frequency (Sf) and or drainage density (DD), then interpret/use the values to access flood vulnerability as well. Check for the appropriate spacing of the word "landuse" is it not "land use" instead"? Is it not preferable to instead propose resilience/coping capacities to farming activities practiced on the fertile alluvial soils of the vulnerable river valleys, rather than relocating them? You could do future prospects on related aspects to your topic or on neighbouring areas to your area of study. 	

Review Form 1.6

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:

Name:	Zoyem Tedonfack Sedrique
Department, University & Country	University of Dschang, Cameroon