



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_33974
Title of the Manuscript:	Correlate Mapping of Impervious Surfaces as Flood Risk Assessment Strategy in Owerri, Southeastern Nigeria
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	- "Floods causing loss of life and property are, increasingly becoming an annual phenomenon in Nigeria". do you have previous studies to back up this? - Lines 37-39, "In the past decade, several lives and properties worth millions of Naira are lost, directly or indirectly, from flooding every year", where did you get this information from? Any statistics to support this statement? Any citation? there are similar statements like this I think you just picked from some literatures or previous studies without proper citation. Try to work on this - Check your aim, some words are overlapping - I failed to see any section(s) in your text where causative factors of the impervious surfaces are elaborately stated. This is so because it is well presented in the title of study and key words, but no discussion on it in the text - In tables 1-3, is Built-up Surface the same as the referred impervious surfaces? Readers need to follow your study. - I see that the high risk area is represented by 8%,	I have done justice to all necessary text that required proper citation. I have fixed it Impervious surface are surfaces that result from urban development which includes but not limited to roads, walkways all other paved surfaces including buildings and rooftops. Impervious surface are also referred to as build surfaces except for rock outcrops.

Comment [PKU1]: (Ologunorisa, 2006)



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	in fig 8, are you able to explain why this percentage is significant enough to create the kind of awareness your study is seeking to achieve? Perhaps by correlating the area to population, infrastructure, farmlands of economic importance and other vulnerabilities. -I think a little more detailed information about the study area will help in spicing up your study.	Yes the 8% cut across areas of high economic importance and following the coverage, it affected the location of a market, federal hospital and institution, in Owerri, so we actually need to raise alarm to appropriate planning authorities to look for way of controlling it to avoid its effect on those areas of high economic and social importance
<u>Minor</u> REVISION comments	-I noticed some wrong spellings in the abstract and body of the manuscript. See the line 7, growing in merging with in Line 37,,, -Render and not "renders", since you have mentioned more than one factors suspected to be agents of flooding in Nigeria. Please carefully go through your manuscript, I observed more wrong use of words. Correct them. If you check lines 33 to 34, you wrote..."Floods causing loss of life and property are", it should be lives and property 'periodic' under objective ii should be 'period', and so on. Please check carefully for mistakes like this in the text -lines 80-84, citation??? -The sources of your data are not cited in the reference section.	Its an error that occur when you open 2013 version of word document on version 10, or 07. But I have fixed it. All has been fixed see the highlighted correction in yellow All fixed
<u>Optional/General</u> comments	Good study, will be useful for planning purposes	