

Review Form 1.6

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_87354
Title of the Manuscript:	Groundwater Vulnerability Assessment in Osubi Metropolis, Niger Delta, Nigeria using DRASTIC and GIS techniques
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	<ul style="list-style-type: none">• Please reference on topic 3.3 and 3.4 the previous research works in the study region that determined the aquifer and soil media as “predominantly of sand”;• Please describe on topic 3.6 how the vadose zone materials were determined. If this data is from previous research works in the study region, please reference those works;	
Minor REVISION comments	<ul style="list-style-type: none">• Please revise the abstract (use of sub-sections), according to the Author Guidelines;• Please revise grammar throughout the manuscript (DRSTIC, Gostatistical);• Please inform the software version used on topic 2.2;• I recommend using International System of Units on topic 3.1 (also, there is a missing parenthesis in that sentence) and Figure 1;• Please revise Figures formatting, according to the Author Guidelines;• Please revise the Conclusion, according to the Author Guidelines (The discussion should not repeat the results, but provide detailed interpretation of data. This should interpret the significance of the findings of the work.);• Please revise the reference style throughout and at the end of the manuscript, according to the Author Guidelines.• Please revise the reference list. Every reference referred in the text must also present in the reference list and vice versa.	
Optional/General comments	<ul style="list-style-type: none">• Materials and methods are suitable and have sufficient details of the methods/process, except for the topics commented on Compulsory revision;• Results data are well controlled and robust;• Statistical analyses are not a must for this paper;• All the reference cited in the text are relevant and adequate, although some references in the reference list are not in the text.	

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)	

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