

Review Form 1.7

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_107885
Title of the Manuscript:	Delineation of Subsurface Migration Pathways of Petroleum Contaminants in Ikarama, Okordia Clan of Bayelsa State.
Type of the Article	

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?'</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, it is important for scientific community. However, some suggestions have been provided.</p> <p>No, the title does not reflect the methodology, results and discussion.</p> <p>No, no much was written about the results/findings. Author wrote a lot about the methodology and no much was said about the results.</p> <p>Yes, but you need to discuss the geology of the study area. There is a section on "THE STUDY AREA AND GEOLOGICAL SETTING", the author only talked about the study area here and nothing was said about the geological setting. You can either changed the heading to STUDY AREA and leave the section the way it is or discuss the geological setting of the study area and maintain the heading 'THE STUDY AREA AND GEOLOGICAL SETTING'</p> <p>The manuscript would be considered scientifically correct if the title is changed to reflect the findings/results. The title was on the delineation of the migration pathways, but the results did not discuss how the contaminants got there. Only the causes and the resulting effects (salinity, salinity, oil plumes) of the hydrocarbon was shown</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language is satisfactory; however, author should work on continuity of sentences and ideas. Particular attention should be paid to long sentences. Use the right connecting words or just finish a sentence with a full stop and continue the next idea.</p>	
<p>Optional/General comments</p>	<p>"Delineation of Subsurface Migration Pathways of Petroleum Contaminants in Ikarama, Okordia Clan of Bayelsa State"</p> <p>If the title of the article must remain unchanged, then the author should discuss more on the migrations pathways of the petroleum contaminants because this was what the research was said to achieve. What are the mobilization pathways? Leaching, surface run off,?</p> <p>Delete the irrelevant conclusion on the use of 2D resistivity method as an efficient tool for investigating hydrocarbon pollution in a coastal environment. Focus on the subject matter and the objective of your research.</p> <p>Additionally, in this kind of research, it is also advisable to compare your work with a background value or results for the same community. Do you have the results for an area that is not contaminated from oil spills?</p> <p>The study location map is not too clear. Make a clear one. If the base map is not originally your own, please acknowledge the original owner from whose work you had redrawn your own.</p>	

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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>	

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