

**Review Form 1.7**

Journal Name:	<b>Journal of Geography, Environment and Earth Science International</b>
Manuscript Number:	<b>Ms_JGEESI_113182</b>
Title of the Manuscript:	<b>Geospatial Variability and Distribution of Total Petroleum Hydrocarbons (TPH) of Soot-Contaminated Rain and Rivers at Oyigbo, Niger Delta, Nigeria</b>
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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The manuscript provides important insights into the distribution of Total Petroleum Hydrocarbons (TPH) in environmental matrices, which is crucial for understanding and mitigating hydrocarbon pollution. It contributes valuable data and analysis that can inform environmental management and policy decisions, making it significant for the scientific community concerned with environmental science and pollution control.</p> <p>2. The title of the article effectively captures the focus of the study and its findings regarding TPH distribution. An alternative title could be "Spatial Variability of Total Petroleum Hydrocarbons in Environmental Matrices: Insights from a Comprehensive Study".</p> <p>3. The abstract provides a comprehensive overview of the study objectives, methods, results, and implications. It effectively summarizes the key findings and contributes to a clear understanding of the research conducted.</p> <p>4. The subsections and structure of the manuscript are appropriate, as they logically organize the content and facilitate understanding. Each subsection addresses specific aspects of the study, such as TPH distribution, hydrocarbon categorization, and geospatial variation, ensuring clarity and coherence.</p> <p>5. The manuscript appears to be scientifically correct, as it employs established methods for analyzing TPH distribution and presents the data in a transparent manner. The discussion of findings is supported by the data presented in tables, figures, and geospatial maps, enhancing the credibility of the research.</p> <p>6. The references provided are sufficient and relevant to the topic of the study. However, to further enrich the literature review, additional references from recent studies on TPH distribution and environmental pollution could be considered. Some relevant sources may include articles published in reputable environmental science journals within the last five years.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	No comments	
<p><b>Optional/General</b> comments</p>		

**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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p>	

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**Reviewer Details:**

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Department, University & Country	<b>Shivneri College, India</b>