

Review Form 1.7

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| Journal Name: | Asian Journal of Environment & Ecology |
| Manuscript Number: | Ms_AJEE_108862 |
| Title of the Manuscript: | Fertility indices of Soils in the vicinity of Artisanal Refining sites in Rivers State, Nigeria |
| Type of the Article | Research |

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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>There have been several studies of the impact of artisanal refining in the Niger Delta but little has been done to assess the impact on soil fertility indices. Although it is a small study but quite important for scientific community. Oil exploration and production has precipitated a wide range of environmental problems associated with its activities. There are well-known hazardous effects of oil-hydrocarbons on vegetation depending on their composition, concentration, environmental factors and on the biological state of the organisms at the time of the contamination. Oil-hydrocarbons can interfere with plant nutrient absorption.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes, but some references need to be revised as they are incomplete.</p> <p>It would be better if only one parameter was given either Total organic carbon or Organic matter. Full form of OM and TOC should be mentioned at once in the text.</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | Needs some refinement | |
| <p>Optional/General 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) |
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| <p>Are there ethical issues in this manuscript?</p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> | |

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Reviewer Details:

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| Name: | Pradeep K Rai |
| Department, University & Country | SKUAST, India |