



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_29745
Title of the Manuscript:	<b>Assessment of some Tropical Plants for use in the Phytoremediation of Petroleum Contaminated Soil: Effects of Remediation on Soil Physical and Chemical Properties</b>
Type of the Article	<b>Original Research Article</b>

**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)
<b><u>Compulsory</u></b> REVISION comments	<ul style="list-style-type: none"> <li>- The title is ambiguous &amp; should be modified as suggested</li> <li>- Tables should have been separated showing petroleum contaminated &amp; uncontaminated soils</li> <li>- The article needs proper grammar editing</li> <li>- You should have determined TPC after 90 days of plant to enable you assess rate of degradation of HC</li> <li>- Some citations are not referenced, eg. Mbah et al. (2009)</li> <li>- There should be separate discussions on interactions and individual results</li> <li>- Use letters to indicate significant differences among figures in the Tables</li> <li>- Logically, if bulk density is increased, total porosity will be decreased &amp; this will affect hydraulic conductivity. So your argument of petroleum contamination increasing hydraulic conductivity is doubtful.</li> <li>-</li> </ul> <p><b>Proposed New Title: Phytoremediation of Petroleum Contaminated Soil in Enugu State, Nigeria</b></p>	Thank you for kind and keen remarks all your observations have been noted and corrections made.
<b><u>Minor</u></b> REVISION comments	<ul style="list-style-type: none"> <li>- The report of 'hydraulic conductivity ...., total porosity value .... &amp; moisture content ... are contradictory (see lines 17, 18 &amp; 19.</li> <li>- Add 'with' b/4 'mean' &amp; 'of' after 'elevation' in line 67</li> <li>- In line 89, explain in detail how you applied the oil. Is it by pouring it or through spraying?</li> <li>- Delete the comma after et al. in lines 111, 125</li> <li>- Check for the correct spelling of 'Mulvaaney' in line 112</li> </ul>	



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	<ul style="list-style-type: none"> <li>- Delete comma after 'Kurtz' in line 116</li> <li>- The statement in line 157 beginning with 'the other interaction ..... was observed' is not clear, recast</li> <li>- Recast the statement in line 168 beginning with 'other interaction effects. The least total'</li> <li>- Recast lines 174, 175 &amp; 176 for clarity.</li> <li>- In line 179, effect previous similar correction on the phrase 'interaction effects'</li> <li>- Correct the word 'contaminate' to 'contaminated' in line 233</li> <li>- Convert '(C mol kg<sup>-1</sup>)' in table 1 to Mg kg<sup>-1</sup>.</li> <li>- Explain why only hydrogen constituted exchangeable acidity in table 1.</li> </ul>	
<b><u>Optional/General</u></b> comments		