

## Review Form 1.7

Journal Name:	<b>Journal of Advances in Microbiology</b>
Manuscript Number:	<b>Ms_JAMB_107947</b>
Title of the Manuscript:	<b>Enhanced Phytoremediation, Physicochemical and Heavy Metal Assessment of Crude Oil Polluted Soil Using Pseudomonas and Bacillus spp, Rivers state.</b>
Type of the Article	<b>Original Research Article</b>

### 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><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Yes.</b>The article on crude oil exploration and its impact on the environment, particularly the study conducted in Rivers state, Nigeria, is informative. The research focuses on the crucial issue of environmental pollution caused by the oil industry and offers a potential solution through the innovative use of microorganisms and phytoremediation techniques.</p> <p>Yes Yes</p> <p>No results are presented first ,followed by discussion on results,both should be combined for better understanding as Results and Discussions.</p> <p>Yes Yes</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes but there are few grammatical errors.</p>	
<p><b>Optional/General</b> comments</p>	<p>1. The article highlights that the heavy metal levels in the soil remained below permissible limits, indicating that the proposed methods do not introduce additional environmental risks. This is a critical factor in any remediation effort, as avoiding the release of heavy metals is vital for the long-term health of ecosystems.</p> <p>2.The study is specific to Rivers state in Nigeria, and it would be valuable to discuss how applicable the findings are to other regions with similar environmental challenges. It's important to consider the potential variability in soil conditions and the suitability of Panicumsubalbidum for phytoremediation in different ecosystems.</p> <p>3. A 28-day study may not be sufficient to draw definitive conclusions about the long-term effectiveness of the proposed remediation methods.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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