

Review Form 1.7

Journal Name:	Biotechnology Journal International
Manuscript Number:	Ms_BJI_116145
Title of the Manuscript:	Assessment of Effects of Amended Bioremediation of Toxic Metal-polluted Soil using Organic Composites and Bacillus sp on Plant Growth Parameters
Type of the Article	Original Research 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>1. This is important to society because bioremediation is the treatment of soil, water, air, etc. using living or dead materials to remove pollutants, so Bacillus sp can reduce heavy metals in the soil due to this the research scientific for the community.</p> <p>2. I suggest the research title "Evaluation of the effect of environmental modification on soil contaminated with toxic metals using organic composites and Bacillus sp on plant growth"</p> <p>3. The abstract is not comprehensive (it does not exceed more than 250 words) and also the characterization of heavy metals is not included, if not why?</p> <p>4. All sections are not structured well, under the Result sections all data recorded were described only in terms of paragraphs and graphs. I highly recommend in addition to it; using tables and describing well in terms of all parameters.</p> <p>5. The manuscript is scientifically applicable after addressing all sections and adding of recommendation section for further investigation that the author/s doesn't recommend to others.</p> <p>6. Some references that the author/s used in this manuscript are not recent. I highly suggest using the recent references (2019/20-2024). The author/s must use reference citation software rather than manual citation.</p> <p>In addition to all the above comments</p> <p>1. The author/s used AAS to analyze heavy metals, but I didn't see the all heavy metals mentioned targeted to only Pb why? Is that the sample having heavy metals compared to the standard value? Is it all parameters analysis triplicate? If yes where are the parameters like recovery, precision, MRLs, LOD, LOQ?</p> <p>2. Is the comparison of the author/s result with others' findings along all parameters so poor? A table form is better in addition to a description in paragraphs.</p> <p>3. Is the author/s aware of the community use of this kind during this work?</p> <p>4. Author/s used some abbreviations or acronyms, but it need definition at specific!</p> <p>5. In which season was the sample collected? What type of technique was used? Is a composite sample used for analysis?</p> <p>6. Under extraction method what type of sample extraction method was used?</p> <p>7. Under section 2.5.2 in what ratio of HNO₃:HClO₄ is used for sample digestion just try to specify it.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	No, the author/s must recheck it. It so, English grammer quality so poor.	
<p>Optional/General comments</p>	After all, comments are taken part in the manuscript by the author/s then the research article so it is sound for the community scientifically.	

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

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Reviewer Details:

Name:	Kokob Teshome Wondimu
Department, University & Country	Mattu University, Ethiopia