

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_102138</b>
Title of the Manuscript:	<b>Biochar Implementation in Rice Paddies for Addressing Greenhouse Gas Emissions and Nutrient Loss-A Review</b>
Type of the Article	<b>Review 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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy> )

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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><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Islam, T., Li, Y., &amp; Cheng, H. (2021). Biochars and engineered biochars for water and soil remediation: A review. <i>Sustainability</i>, 13(17), 9932. <a href="https://doi.org/10.3390/su13179932">https://doi.org/10.3390/su13179932</a></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	The English need to polish by native English speaker.	
<p><b>Optional/General</b> comments</p>	<p>This manuscript is generally well-written, logically structured, and easy to understand. It also addresses a subject of great interest in the scientific community. Biochars (BCs) are considered eco-friendly and multifunctional materials with significant potential for the remediation of contaminated water and soils. Although it is a review paper, i.e. an article that does not present the authors' original research, it contains a summary of the current state of knowledge, based on a review of scientific articles, regarding biochar's characteristics. This review paper systematically summarizes the key physical and chemical properties of BCs. The abstract and the introduction chapter are well-written and provide an excellent background to the research.</p> <p>In my opinion, the author's conclusions and recommendations of the article are very valuable. The article in its current version is very well prepared and suitable for publication.</p> <p>I have no critical 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><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

### Reviewer Details:

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