

Peer Review Report

Notes

Please return the completed report by email within 21 days;

About HRPUB	
Horizon Research Publishing, USA (HRPUB) is a worldwide open access publisher serving the academic research and scientific communities by launching peer-reviewed journals covering a wide range of academic disciplines. As an international academic organization for researchers & scientists, we aim to provide researchers, writers, academic professors and students the most advanced research achievements in a broad range of areas, and to facilitate the academic exchange between them.	
Manuscript Information	
Manuscript ID:	10435606
Manuscript Title:	Characteristics of Avocado Seed Biochar at Various Pyrolysis Temperatures for Sustainable Waste Management Approach
Evaluation Report	
General Comments	This research article was well edited based on author(s)'s original research results. Since there were some critical and minor editing errors, this research article should have to revise before considering the publication of one of research articles in international journal.
Advantage & Disadvantage	<p>Advantage: I think that this research article is relatively good to understand the characteristics of avocado biochar at various pyrolysis temperatures for sustainable waste management.</p> <p>Disadvantage: Lack of scientific proof(basis) and editing errors</p>
How to improve	<p>Please refer followings.</p> <p>[Major reversion]</p> <p>-) Title Please use more simple and apparent title in order to understand easily. Ex.) Evaluation of the characteristics of avocado seed biochar at various pyrolysis temperatures for sustainable waste management</p> <p>-) Objective(s) Author(s) need to consider why is this research important on the viewpoint of globalization not a specific area or a nation. Then author(s) need to revise the objective(s) of this research article based on the viewpoint of globalization.</p>

	<p>-) Discussion If possible, please separate “Discussion” part from “3. Results and Discussion”. However humble “Discussion part” may be..., it is the author(s)’s originality of this research article.</p> <p>[Minor reversion] -) Unit expression Please refer followings and then revise all contents and/or captions in this research article. Ex.) Numbers one blank Unit (Except %) 600°C → 600 °C 100%</p> <p>-) Effective numbers (EFNs) Please use same effective numbers at least 3 or more in a table, a figure or a research article. Table 2: 63.76(EFNs 4) 5.05(EFNs 3) 15.00(EFNs 4) 0.079(EFNs 3) 0.23(EFNs 2) Table 3: 7.77(EFNs 3) 88.41(EFNs 4) 0.07(EFNs 2)</p>
Please rate the following: (1 = Excellent) (2 = Good) (3 = Fair) (4 = Poor)	
Originality:	2
Contribution to the Field:	2
Technical Quality:	3
Clarity of Presentation :	3
Depth of Research:	2
Recommendation	
Kindly mark with a ■	
<input type="checkbox"/> Accept As It Is	
<input type="checkbox"/> Requires Minor Revision	
<input checked="" type="checkbox"/> Requires Major Revision	
<input type="checkbox"/> Reject	

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Manuscript ID:	10435606
Manuscript Title:	Characteristics of Avocado Seed Biochar at Various Pyrolysis Temperatures for Sustainable Waste Management Approach
Evaluation Report	
General Comments	Since this is an international journal, articles that are expected to be published after [33] cited by this manuscript 10435606 must contain more content than [33]. ID 10435606 will not be accepted unless it is specified where <u>this has its own unique features, novelty, and/or where there is a significant usefulness for Avocado biochar.</u>
Advantage & Disadvantage	<p>Advantage: The description is easy to read and the measured value itself is valuable.</p> <p>Disadvantage: It may have been intended to cite the already known properties of biochar and discuss them together with the results of several types of analysis, but no experiments have been conducted to evaluate the effects of fertilizers, which may be important.</p>
How to improve	<p>If an article compares the properties of char from several types of waste (such as other species of plants that are often discarded) after heat treatment and analysis with the same equipment, it would contribute more to this area. Since such a comparison may not be possible at present, it is necessary to further cover the comparison with known chars to show the superiority of Avocado biochar.</p> <p>Abstract There is duplication of the content of the introduction in the summary. It is better to remove the redundancy part.</p> <p>1. Introduction The rationale in the green highlight part is considered to be [52] documents. Shouldn't [52] be cited here?</p> <p>4. Conclusions As shown in "1. Introduction", biochar is expected to have the following soil improvement effects: improvement of soil water retention and water permeability; increased fertilizer</p>

	<p>retention; mineral replenishment; heat retention effect of the soil; soil neutralization action; water purification; promotion of soil granulation structure; reproduction of organic microorganisms in the soil.</p> <p>Despite these effects can be expected, there is no basis for why the conclusion of the green highlight part can be drawn: "Based on our analysis, biochar produced from avocado seeds shows promise as a soil amendment." The rationale for this last part of this conclusion should be clearly stated at 3.6 in "3. Results and Discussion", or avoid making such strong statement.</p> <p>REFERENCES</p> <p>Isn't the "pp. 1-5 September" part of [1] a description of "pp. 69-73 May" ?</p> <p>Citation numbers of [9], [10], and [48] should clearly indicate the relevant source.</p>
<p>Please rate the following: (1 = Excellent) (2 = Good) (3 = Fair) (4 = Poor)</p>	
<p>Originality: 4</p>	<p>This manuscript is similar to the case of the cited reference [33].</p>
<p>Contribution to the Field: 3</p>	<p>As described in "Advantage".</p>
<p>Technical Quality: 2</p>	<p>Several analytical methods used are suitable as a means of investigating some of the properties of Avocado biochar.</p>
<p>Clarity of Presentation : 2</p>	<p>As described in "Advantage".</p>
<p>Depth of Research: 4</p>	<p>As for the comments, they are the same as those described in "Originality".</p>
<p>Recommendation</p>	
<p>Kindly mark with a ■</p>	
<p><input type="checkbox"/> Accept As It Is</p>	
<p><input type="checkbox"/> Requires Minor Revision</p>	
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