

### Review Form 3

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_123981
Title of the Manuscript:	Repercussion of controlled decomposition process on carbon dynamics and quality evaluation in chicken manure pellets.
Type of the Article	Original Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>		
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<ol style="list-style-type: none"> <li>1. The background sentence should identify purpose and motivation. Later, it should address the research problem. Authors should address this.</li> <li>2. The methods/discussion research approach following this experiment is missing. Authors should take care to delineate the methods and results in the abstract section.</li> <li>3. The take-home messages in the conclusion are not clear; however, future research and policymakers' statements should be included in the last sentence. Authors describe the background sentence here, these sentences should be removed and include a sentence regarding the conclusion and take-home message.</li> <li>4. The abstract section needs final scrutiny after addressing the above comments for better readership, as if it looks like a mirror of the whole manuscript with the appropriate sentence structure, as it is the heart of the manuscript.</li> <li>5. Authors should write what the innovation or new findings from this research are. The authors should identify and mention the significant findings of the results here.</li> </ol>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, needs some development.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<ol style="list-style-type: none"> <li>1. I have read the introduction several times to understand the research rationale, aims, and objectives. What authors need to do is rewrite/reorganize this section. The introduction should clearly state the reason for the study, the hypothesis, and the essential background with recent references.</li> <li>2. Authors should read the whole manuscript several times after correcting the comments below section-wise with full concentration. And then, the whole manuscript needs to be refined/rewritten/reorganized sentences to maintain sentence consistency and subsequently easy understanding for scientific readership from the preceding sentence to the running sentence.</li> <li>3. Authors should follow this article on how to prepare a manuscript and cite this article: <a href="https://doi.org/10.1016/j.chemosphere.2021.131129">https://doi.org/10.1016/j.chemosphere.2021.131129</a>, <a href="https://doi.org/10.1016/j.resenv.2022.100051">https://doi.org/10.1016/j.resenv.2022.100051</a></li> </ol>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<ol style="list-style-type: none"> <li>4. References should be checked for improvement with the currently published article.</li> </ol>	

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>5. The manuscript presentation lacks sufficient quality, particularly in terms of sentence structure and grammatical accuracy. Sentences need to be rewritten to maintain sentence consistency, cohesion and standardization, which will positively impact the whole manuscript when readers look at the manuscript. Is the language utilized accurate, succinct, and devoid of any grammatical mistakes? There are parts where complex sentences might be simplified, or where the use of technical jargon could be made more accessible to a broader audience.</p> <p>6. Does the manuscript provide sufficient justification for the chosen parameters utilized for result analysis, and are these parameters truly the most critical regarding the analysis of CO2 dynamics? Authors should address these in the materials section.</p> <p>7. The limitation has not been addressed in results and discussion. Authors should address this.</p>	
<p><b><u>Optional/General</u></b> comments</p>		

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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>
<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:**

<p>Name:</p>	<p><b>Md Mashiur Rahman</b></p>
<p>Department, University &amp; Country</p>	<p><b>The Pennsylvania State University, USA</b></p>