

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_129908
Title of the Manuscript:	GREENHOUSE GAS EMISSIONS DURING WINDROW COMPOSTING AND OPEN-AIR DUMPING OF PIG MANURE WITH ADDED WOOD SHAVINGS
Type of the Article	

PART 1: 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This paper provides critical insights into the management of pig manure in tropical regions, focusing on greenhouse gas emissions during open-air dumping and windrow composting. By examining the impact of aeration, turning frequency, and wood shavings amendments, the study offers practical strategies to reduce CH ₄ and N ₂ O emissions while optimizing CO ₂ levels, contributing to sustainable waste management practices. This research serves as a valuable resource for scientists, policymakers, and practitioners striving to develop low-emission, resource-efficient solutions in the livestock sector.	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is suitable for manuscript and well defined	
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.	Complete the sentence of study design in abstract.	
Is the manuscript scientifically, correct? Please write here.	Based on the provided details, the manuscript appears scientifically correct, aligning its objectives, methodology, and findings effectively. However, a thorough review of experimental design, statistical analyses, and data interpretation would confirm its validity.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references provided are sufficient and include recent studies, ensuring relevance to the subject matter.	

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Is the language/English quality of the article suitable for scholarly communications?	It should be improved	
<u>Optional/General</u> comments	<div>1. Complete the sentence of study design in abstract.</div> <div>2. The use of two decimal places in the manuscript is unnecessary. It would be more appropriate to round the values to one decimal place or simply report whole numbers where applicable.</div> <div>3. Many chemical notations are incorrect. The form of CO2 in the manuscript is incorrect. It should be written as "CO₂" to follow the correct chemical notation.</div> <div>4. Scientific names should be written in italics, as per the correct formatting for scientific names of species.</div> <div>5. The conclusion is concise but could be more specific regarding the practical applications of the study's findings.</div> <div>6. References are mostly up-to-date, but some key papers from the last two years are missing and should be included to ensure a comprehensive review.</div> <div>7. The font size of the headings appears to be inconsistent throughout the manuscript.</div> <div>8. Font size of heading 3 is 11 while the font size of sub heading 3.1 is 12. Correct as per the guidelines.</div> <div>9. Reference number 18 appears to be formatted differently from the others. It is crucial to follow the journal's reference formatting guidelines consistently</div> <div>Table 4 is incorrectly referenced in the manuscript. Please ensure that all tables are referred to correctly in the text</div>	

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

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