

### Review Form 3

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_124270
Title of the Manuscript:	Analyzing the contribution of <i>Moringa oleifera</i> (Lam.) to the CO2 stock and other advantages for urban residents
Type of the Article	Original Research Paper

#### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>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.</b>	This manuscript is addressing a highly relevant and emerging topic—the role of <i>Moringa oleifera</i> in CO2 sequestration and its socioeconomic and environmental benefits for urban residents. It is important for developing regions where urban greenery plays a crucial role in combating climate change and providing food security. The analysis of Moringa's contribution to the CO2 stock, paired with its benefits to urban populations, provides valuable insights for sustainable urban development strategies. This research holds promise for informing climate-smart policies in urban settings.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes, it is suitable. It reflects the content and the study's objectives, focusing on both the environmental and societal impacts of <i>Moringa oleifera</i> .	
<b>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.</b>	Abstract is comprehensive, summarizing the study's aims, methodology, and results effectively. However, it could benefit from a clearer mention of statistical significance where applicable. No major additions or deletions are necessary.	
<b>Are subsections and structure of the manuscript appropriate?</b>	The subsections and structure are appropriate. However, the discussion section could be improved by forming a clearer linkage between the results and broader policy implications for urban planning.	
<b>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.</b>	The manuscript is scientifically robust and technically sound. It uses appropriate methodologies for data collection and analysis, particularly in estimating CO2 sequestration and the socio-environmental benefits of Moringa. The statistical analysis, including the correlation between human density and tree population, is valid, and the discussion of CO2 stock estimation is based on recognized methods. The research fills a gap in urban environmental studies by focusing on <i>Moringa oleifera</i> 's multiple benefits.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	References are sufficient but a few additional references on recent studies related to urban carbon sequestration could strengthen the manuscript further. Studies on the comparative CO2 sequestration capacity of different urban trees could provide context.	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes, it is suitable for scholarly communications but could benefit from minor edits for grammatical clarity and flow. Clarification is needed in the abstract regarding key results and their implications. Also add some more recent references on CO2 sequestration studies.	
<b>Optional/General</b> comments		

### **PART 2:**

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

### Reviewer Details:

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