

Review of: "Analyzing the Effects of Organic Amendments on Soil Erosion Dynamics: A Comprehensive Study on Application Methods and Timing"

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Potential competing interests: No potential competing interests to declare.

The manuscript by Vahidi et al. examines the effect of different soil amendments and application methods on soil erosion dynamics. While this study provides valuable insights into the role of these soil amendments, their application methods, and their overall effect on soil erosion, there are some areas the authors could address to further improve their manuscript.

Firstly, the authors should consider providing a more thorough methodological description that would allow for the replication of this study. While the methods are briefly outlined, they lack sufficient detail for others to reproduce the study. For instance, details on how the biochar was prepared would be beneficial. Additionally, the authors should explain why different soil sampling methods were used and how they may have contributed to the overall results. They should also detail how the amendment and soil characteristics were determined.

Secondly, in the results section, the authors should describe their findings in more detail. Providing the variance for all data points, rather than just the mean, would enhance the clarity of the results. The figure descriptions should also be more detailed to ensure easy understanding of the represented data.

In the discussion section, the authors should provide a detailed explanation for their observations, instead of solely comparing their results to previously published works without explaining the implications of their findings.

Lastly, the manuscript lacks focus throughout, as the authors attempt to address too many aspects simultaneously. It would be beneficial for the authors to rearrange the manuscript to present the findings of this study in a systematic and coherent manner. Additionally, the authors should consider reviewing the manuscript a few more times to address minor grammatical issues; for example, in Figure 4, there is a spelling typo. Also, the quality of some figures, specifically Figures 1 and 4, could be improved.

Overall, addressing these points would significantly enhance the clarity and impact of the manuscript.