

# Review of: "Investigation of Mechanical Properties of Sisal Fiber and Sugar Palm Fiber Reinforced Hybrid Composites"

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**Potential competing interests:** No potential competing interests to declare.

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*Title:* Investigation of Mechanical Properties of Sisal Fiber and Sugar Palm Fiber Reinforced Hybrid Composites

*Journal:* Qeios article

These fibers are easily available as agriculture-based products. Natural fibers are low-cost, bio-degradable, sustainable, and lightweight materials for composite applications. I believe it is an interesting piece of research and greatly contributes to the research field. My overall recommendation is in favor of publishing the paper. However, some points must be addressed before publication, as follows:

1. It is recommended to use the recently published literature (2019 and 2023) in the introduction rather than old pieces of literature such as the following:
2. Umar Sidik Hayatu (2021) Methane Adsorption on Hybrid and Non Hybrid Activated Carbon Synthesized from Coconut Shells and Poly Ether Ether Ketone. JE&AS, 8 (1), 1-8. doi:10.5455/jeas.2021050101.
3. Osman, S. A., Saleem, . M., Khan, . R. S. & Abid, . M. (2016) Development of a Polymer Modified Flexible Pavement Material for Sustainable Pavement System. JE&AS, 3 (1), 26-36. doi:10.5455/jeas.2016050103.
4. Jaballi, S., Miraoui, I. and Hassis, H., 2017. Long-unidirectional palm and sisal fibers reinforced composite: An experimental investigation. Journal of natural fibers, 14(3), pp.368-378.
5. Refaay Ahmed Ibrahim (2023) Improvement Of Surface Properties Of Carbon Fiber Reinforced Epoxy Composites Using Solid Lubricants During Machining Processes. JE&AS, 10 (2), 100-108. doi:10.5455/jeas.2023110107.
6. It would be great to present a table summarizing the recently published literature on selecting the stable solution for the wedge and stagnation points.
7. Innovation and novelty must be clearly stated in the last paragraph of the introduction.
8. Although the manuscript has been well crafted and is easy to follow, there are some typos, grammatical errors, and punctuation throughout the manuscript. It is recommended to revise the language.
9. The introduction must be comprehensive. The main purpose of the introduction part is not clear. Please re-word to improve the readability of this part and clarify what is meant.
10. The result and discussion part is weak, and not enough reasons are presented if the authors compare their work with the already reported works.



Overall recommendation accepted with major revision.

Good luck