

Review of: "Effective use of Waste Materials: A Case Study of Utilization of Fly Ash in Flexible Pavement Structures"

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Potential competing interests: No potential competing interests to declare.

The manuscript is overall interesting. However, some issues are found throughout the paper. Therefore, according to this Reviewer, a major revision would be necessary before the paper can be further considered for possible publication in Qeios. All details are summed up in the following.

1. Despite being understandable, English needs some improvements.
2. The introduction seems to be a significant part of the paper. Hence, the introduction should be modified; the novelty of this study becomes not too clear and needs to be more emphasized and justified at the end of this section.
1. The Fly Ash has been sufficiently researched, so authors need to supplement the novelty or gap in this work to make it more attractive to readers.
2. The authors need to refer to these suggested articles to supplement their literature review.

References

- a. Rai P, Pei H, Meng F, Ahmad M. Utilization of Marble Powder and Magnesium Phosphate Cement for Improving the Engineering Characteristics of Soil. *Int J Geosynth Gr Eng*. 2020;6(2):31. doi:10.1007/s40891-020-00212-3
- b. Rai P, Qiu W, Pei H, Chen J, Ai X, Liu Y, Ahmad M. (2021) 'Effect of fly ash and cement on the engineering characteristic of stabilized subgrade soil -An experimental study', *Geofluids*. doi: <https://doi.org/10.1155/2021/1368194>