

# 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.

## General Comments from the Reviewer:

This is an interesting case study, and the authors have included information from different past studies. However, in my opinion, the paper has some shortcomings in regard to the addition of information from the literature, including economic and environmental aspects. After incorporating the shortcomings given below, the manuscript can be accepted with minor revisions.

1. Why did the authors not include any previous references on sugarcane bagasse ash obtained from the combustion of biomass in the sugar industry to generate bioenergy?
2. Some of the parameter units are not written correctly, such as mg/m<sup>3</sup>; it should be mg/m<sup>3</sup> (3 in superscript).
3. The corresponding resilient modulus of soil values is included in the text, comparing it to % improvement.
4. It is suggested to include the economic feasibility of the utilization of coal ash in flexible pavement structures as compared to conventional materials.
5. Include a few references related to the environmental benefits of the utilization of coal ash in flexible pavement structures.