

# 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 authors have prepared a good quality manuscript. Few queries from my side to strengthen your review work:

1. What specific waste materials are being investigated in the study, and why was fly ash chosen as the focus for utilization in flexible pavement structures?
2. What are the key mechanical properties (e.g., strength, stiffness, fatigue resistance) of the fly ash-based pavement structures compared to traditional pavement materials? How do these properties contribute to the overall performance and durability of the pavement?
3. In what ways does the utilization of fly ash impact the environmental sustainability of the pavement structures?
4. Can you discuss any challenges or limitations encountered during the implementation of fly ash in pavement construction?
5. What are the findings regarding the long-term performance and durability of the fly ash-based pavement structures?