

# 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 title of the paper leads the reader to understand that it is a case study on the use of fly ash in pavement construction. However, it is noted that it is a literature review. Therefore, it is suggested to change the title.

In general, the use of fly ash in pavement construction is not recent, and the paper does not present any novelties in this regard. Thus, it is necessary to make it clear that the paper is a literature review.

In the abstract, there is a confusion of concepts between mechanical behavior and the type of materials. The terms "flexible" and "rigid" refer to mechanical behavior, and not always will a concrete pavement exhibit rigid behavior, nor will an asphalt pavement always be flexible. Furthermore, the abstract does not clearly state the main objective of the paper, which in this case, is the literature review.

Regarding the text, a minor revision is necessary, especially regarding the repetition of some words in very close sentences or within the same sentence. Besides, please provide the reference for table 1.

Finally, regarding the bibliographic approach, it is noted that the authors have done a good job of literature research.