

# 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.

- 1.- This is not "A case study"; it is a short review paper.
- 2.- The fly ash contains oxides, not elements. (Section: Properties of fly ash)
- 3.- Table 1 shows the composition of class C and F fly ash; moreover, it is necessary to include various compositions from different publications instead of only one in order to see different scenarios for the fly ash due to different processing methods.
- 4.- A reference to the global production of fly ash is mandatory to justify its availability and its use in pavements, since large quantities of this material are used for concrete structures.
- 5.- Some tables and graphs to summarize the results about the different properties of the pavements containing fly ash from the references are strongly recommended to facilitate the discussion of the data.
- 6.- The analysis and discussion of the data review is too poor (if any) for a review paper (considering that the proposed manuscript is not a case study). A Discussion section is mandatory.
- 7.- A new review of references is necessary because there are many references between 2020-2024 about the use of fly ash in pavements; these references are not included in the manuscript.
- 8.- The English grammar should be checked by a professional.