

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.

Effective Use of Waste Materials: A Case Study of Utilization of Fly Ash in Flexible Pavement Structures

- Including more recent references will add value to the article.
- The title should be amended to reflect the contents of the study. The title indicates that it is a case study, but it is in fact a review of previous studies.
- In the abstract, the sentence, "This study reviews its utilization in construction from different aspects and attempts to fill the gap within the literature with a critical review of fly ash usage in pavement construction engineering for the last few decades," is not clear and should be restructured to clearly reflect the aim of the study.
- While the abstract is suitably structured and well-written, it does not clearly reflect the reason and rationale for the study and should also include the methodology, findings, and conclusion.
- The research significance needs to be clearly elucidated, regarding the specific limitations in current literature that the authors aim to address, to provide an understanding of the purpose of the study.
- The environmental effects of the use of fly ash can be more comprehensively addressed in the article.
- The summary and recommendations section can be expanded upon in more detail and include aspects such as economic and environmental benefits and impact. In addition, an in-depth explanation of the implications of the findings will strengthen the significance of the review.