

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.

This article is a review article, not a case study. Fly ash is a common supplementary cementitious material widely used in concrete. Examining the current research landscape on fly ash in pavement structures presents notable challenges. Its application isn't confined solely to surface layers but extends widely to sub-layers, contributing significantly to cost reduction in construction. Therefore, it's crucial for the author to articulate the focal points of the review, spanning analyses from macroscopic performance to microscopic mechanisms, alongside an inclusive survey of existing case studies. Additionally, a comprehensive approach is warranted to delineate potential research avenues for fly ash and provide future prospects for addressing research deficiencies.