

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 paper gives a very good review of using fly ash for different applications. The paper consists of a few chapters:

1. Introduction including: Properties of Fly Ash, Classes of Fly Ash, Applications of Fly Ash,
2. Research Significance
3. Use of Fly Ash in Asphalt Concrete
4. Other Uses of Fly Ash in Asphalt Concrete: FHWA Standards, Effects of Fly Ash on Asphalt Concrete, Use of Fly Ash in Base Layers,
5. Use of Fly Ash in Soil Stabilization and Improvement: Reasons for Using Fly Ash in Soil, Effects of Fly Ash in Soil, Effects of Fly Ash on Resilient Modulus of Soil.
6. Summary and Recommendations

Using this paper as one of the first papers for introducing the area of waste materials, and fly ash, among them, is a very good start for investigation and further research, especially for young researchers.

The state of the art for fly ash application in various areas is given in a historical, as well as modern, approach using the latest published references covering this area.