Qeios

Peer Review

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

Isaac T. Oyawoye[1]

1. Civil and Environmantal Engineering, University of North Carolina at Charlotte, United States

This paper does a good job of giving a broad overview of how fly ash can be used in flexible pavement structures. It clearly explains the different ways fly ash can improve asphalt mixes, base layers, and subgrade soils, while also emphasizing the environmental benefits. I especially liked the discussion comparing Class C and Class F fly ash because it adds practical value for real-world applications. That said, some parts of the paper feel repetitive, and the findings from different studies could have been compared more critically rather than just summarized. There are also a few grammar and organization issues, but overall, the paper is informative and useful for researchers in pavement materials.

Declarations

Potential competing interests: No potential competing interests to declare.

doi.org/10.32388/VoIoFA