

Review of: "Analytical Study and Amelioration of Plastic Pavement Material Quality"

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Potential competing interests: No potential competing interests to declare.

Analytical Study and Amelioration of Plastic Pavement Material Quality

by

Wiryikfu, Acheleke, Wembe, Christian, Bienvenu

REFEREE'S COMMENTS

For the location of comments, see below.

1. Title:
2. The title could be more concise/compacted.
3. Abstract:
4. It is more than a usual one. Compact it.
5. No need to use introductory level sentences in this section.
6. Introduction:
7. It would be good to give out some information on the use of solid waste materials in road constructions. There are numerous papers already published on similar topics. <https://doi.org/10.1007/s13369-020-04916-6>; <https://doi.org/10.1007/s40515-021-00170-x>; [https://doi.org/10.1061/\(ASCE\)MT.1943-5533.0000652](https://doi.org/10.1061/(ASCE)MT.1943-5533.0000652); <https://doi.org/10.1016/j.conbuildmat.2017.04.178>; and many others available in the literature.
8. Last paragraph:
9. The authors should clearly indicate the originality/novelty of their research. A separate paragraph would be better for this purpose.
10. Materials and Methods:
11. A location map would be very useful for potential international readers.
12. Figure 1 is not seen clearly (both).
13. Sieve analysis is required for the fine-grained material employed in the tests.
14. Soil classification?
15. Figure 4; is it a CBR press or a press used for concrete tests?
16. The machine in Figures 4 and 5 is the same one?
17. Results and Discussion:

18. Figure 6 and 7 should be consistent with each other. They have different characteristics.
19. Figure 8 should have the same formatting as the other Figures.
20. The authors should discuss their findings with the papers already published. This is a particularly important comment that needs to be addressed in this submission.
21. Conclusions:
22. The authors should strengthen the conclusions by referring to quantitative findings.
23. In General:
24. Light-gray-dotted-square-gridlines in the plot areas of Figures would be very useful for potential readers to follow the changes clearly.
25. Literature review should be extended.
26. Check out the details of the references cited.
27. Be consistent with the Tables and Figures.

Best regards,