

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

Wasan A. Alkaron¹

¹ Southern Technical University

Potential competing interests: No potential competing interests to declare.

Article, entitled : Analytical Study and Amelioration of Plastic Pavement Material Quality

The authors presented an interesting work on the exploiting recycled plastic waste as an alternative binder for paving. The study is an attempt to focus on locally produced plastic pavement in Cameroon. Before the publication, I would recommend to address the following points:

1. The authors should revise the English throughout the text (grammar, and punctuation).
2. Too long abstract is useless. An abstract is a brief summary of a scientific paper that provides an overview of the research question, methods, results, and conclusions.
3. Please add the (Standard) sieve size used for the subsequent laboratory tests. Same thing for (preparation of specimen) these ratios 1:2:7, 1.5:1.5:7, and 2:1:7 according to which standard?
4. Please explain is the plastic waste as a binding material instead of specific materials ?
5. I suggest to use casting or composite when referring to final combination.
6. Units material g/cm³ must be add for all the values of density.
7. Please further detail the reason for selecting polypropylene (PP) and polyethylene terephthalate (PET) over other types of plastic waste.
8. data alone doesn't guarantee a good presentation. Comparing and contrasting the findings of other studies helps to support the overall importance of your results and it highlights how and in what ways your study differs from other research. Compare the of plastic composite pavement with other plastic recycling processes.
9. Error bar should be added to the figures.
10. Reference list only provides the list of references that were cited in the main text. No need to further references.