

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

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Potential competing interests: No potential competing interests to declare.

In this work, pavements containing plastic waste as binder are prepared and characterized in order to study their properties and assess the feasibility of using these materials as pavements of quality for different applications.

I think the work is worthy because the subject is totally aligned with the Circular Economy. The use of plastic waste to produce pavements can alleviate the problem of accumulation of these non-biodegradable materials and, at the same time, the depletion of natural resources used to obtain the original plastics.

In order to publish the paper, there are some corrections to be made:

- The English language should be polished.
- The references have to be written with all the information needed: volume, pages, etc...
- In the introduction, the following sentence should be rewritten: "Mashadi et al. used low-density polyethylene (LDPE) and mesh sand to develop a formulation of 1 kg (plastics) for 5 kg (sand) and 1 kg (plastics) for 7 kg (sand)." It's better to use percentages for the formulation instead of kilograms
- All the acronyms have to be presented with the complete name the first time that they appear in the text. This has to be checked. For example, in the introduction, in the sentence "approximately 5 times that of AC and 3 times that of PCC," the complete names of AC and PCC are not given.