

Review of: "Enhancing Soil Stabilization in Soft Soils Through The Addition of Sand to Soil-Cement Piles: a Comprehensive Study"

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Potential competing interests: No potential competing interests to declare.

Since many revisions have already been presented. I would just like to mention the aspects that seem most important to me.

No references throughout the text.

And the references at the end of the article are old. Thus, the authors will not be able to know if the research carried out is new, nor will they be able to compare the results with what has already been developed.

However, although the topic doesn't seem to be very new, considering the great variability of soils, I think the topic is relevant, especially considering the interconnection between theoretical principles and practical construction conditions. That's why I encourage you to improve the article.

It would also be more beneficial to adjust the title in order to make it clear that the study was carried out on salt-contaminated soils. For example - "Combining The Addition of Sand and Additives in Soil-Cement Piles to Stabilize Salt-Contaminated Soils".

There are more aspects to be improved:

In the Introduction - 3rd paragraph - I think it's important to include references when results are presented or commented on. Even if the results are average, they should be based on references. - Last paragraph - Be careful with the statement "the study introduces a new solution - "adjusting the particle composition of the soil along with cement and additives". I have the perception that most soil-cement studies first present the particle size analysis and if the particle size is not adequate, it is corrected before the soil is stabilized. That's why I think the expression "new solution" should be removed.

In Method of soil stabilization using inorganic binders - There are no references either, and it's not clear whether table 1 is original and how the treatment options were arrived at.

Stabilizing Soil with Inorganic Binders: A Research Focus on ECO CSSB

There are no references either.

It is not mentioned what type of material ECO CSSB is, what the basic composition is, so it is not possible to conclude on



its action on the soil, stabilizer and additives.

Results

It would be more useful to have the results in graph form for a better comparison of results.

And it would be good to present the granulometry curves of the soil used, the added sand and the corrected soil.