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.

The article is interesting and presents useful results for the stabilization of saline soils in Vietnam. However, to significantly improve its quality, I recommend following these recommendations:

1. In the introduction (in fact, in no paragraph of the article), the sources from which the presented data are obtained are not cited. I recommend incorporating references along with the data presented.
2. The title of Table 1 is on another page. Furthermore, it does not indicate the sources of the data presented.
3. It is not clearly explained what the ECO CSSB additive is, nor why it is considered ECO FRIENDLY. I recommend going deeper into the description of this additive.
4. The procedure followed to mold the specimens (particularly the methodology and pressure with which they were compressed) and the conditions of “curing under natural conditions” could be explained in greater detail.

5. The quality of the images in Figure 1 is poor. They must be improved.
6. Tables 2 to 4 are not very clear. I suggest identifying each series produced and explaining the dosage of the materials used in it, and then, in separate tables, presenting the resistance of each of them. Furthermore, it would be useful to present the results graphically in order to clearly show the performance of each series. The units of resistance (KPa) must also be included in the tables.
7. Tables 2 to 4 indicate the cement content in kg/m3 of soil, but the conclusions refer to percentage cement contents (25%, for example). This is not clear; I recommend unifying nomenclatures.
8. In the last paragraph on page 10, before the conclusions, the improvement in the mechanical properties of the stabilized soil is discussed, when only one property was evaluated: unconfined compression resistance. I recommend referring only to this property.
9. All bibliographic references are more than 20 years old. I recommend incorporating more current references.

If these recommendations are followed, consider that the article would categorically improve its quality.