# 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.

In the manuscript titled "Enhancing Soil Stabilization in Soft Soils Through the Addition of Sand to Soil-Cement Piles: A Comprehensive Study," Dao Phu-Yen performed experiments applying a soil-cement mixture to treat soft soil, and the experimental results showed that when sand and additives are added, the hardness and load-bearing capacity of the soft ground increase significantly.

This study contains some interesting findings and is valuable for the understanding of treating weak and saline soils. However, the lack of other parameters such as density, friction coefficient, porosity, particle distribution, plasticity index, and hydraulic conductivity for a comprehensive understanding of the mechanical and physical properties of soil-cement mixtures is the major flaw of the study. This article requires extensive revision.

Specific revisions:

1. In the introduction section, the authors need to provide detailed information on current progress in applying a soil-cement mixture to treat soft soil.

2. Form 1 in the manuscript can be described in detail.

3. The current manuscript needs to be polished by a native English speaker or a professional language editing service.

4. For the first occurrence of an abbreviation in the text, write specific words and explanations.

5. The final conclusions provided are too simplistic. Again, they are too vague and general.