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.

1. In the Abstract, the abbreviations ECO-CSB or ECO-CSSB should be defined.

2. From an economic point of view, is using ECO-CSB or ECO-CSSB, which reduces cement by 30%, or using cement alone more costly?

3. The sources are not well cited. The author should address the references for each previous source used in the manuscript. Refer to the referencing system of the journal.

4. The author stated that, “The variation in cement content spanned 200, 250, and 300 kg/m3, accompanied by the inclusion of 0.1% CSSB additive based on the weight of cement. Sand ratios were introduced in volumes of 0, 100, 200, and 300 liters per m3 of natural soil.” What are the main reasons to fix the inclusion of 0.1% CSSB and sand ratios to volumes of 0, 100, 200, and 300 liters per m3 of natural soil?

5. The finding of this work is highly dependent on uniaxial compressive strength test results. Do you think uniaxial compressive strength is the only parameter to decide on the improvement?