# 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 addresses an interesting approach to soil stabilization using sand addition with cement, with optimization of the particle composition of natural soil to improve soil-cement reinforcement. The sections of this article are clear enough in most parts. The methodology of saline effect and unstable hydroxydes prevention is presented and justified, but could be more expanded, and the used additives could be better described. Moreover, the results of compressive strengths provide relevant insights into the effect of mixing sand and the considered additives with soil-cement piles in a relatively short time (2 weeks) and could be extended to a longer time.

Some possible improvements can be made to this article, including the addition of stress-strain curves of samples, also suggesting the main chemical reactions used within the binding process, and finally adding some pictures of the components and mixtures, and the inclusion of references within the paragraphs.