

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.

Comments.

1. Introduction: The literature review is totally missing. It should be included.
2. Page 2- Weak soil compressive strength will be very low (50 kPa). The author has written 518 kPa and increases to 778 kPa after addition of additive and sand. This looks wrong.
3. It is a well-known fact that after the addition of cement, UCS values will increase. What is new ?
4. Page 2- Standards for all sample preparation and testing are not mentioned. Results depend on these also. They should be included in the paper.
5. Page 4- Table 1. This table is obtained from the literature or It is not clear. A reference should be given.
6. Page 6- Cement-soil-cat mixes – what is this ?
7. Conclusion section – Addition of 25% cement will not be the economical solution to improve the UCS value of weak soil.
8. Why was this study carried out? Increasing and decreasing of UCS values are not the real interpretation. Specific objectives should be defined. Field application is not mentioned. The durability aspect is missing. Such a research paper is not good for practicing engineers. Objectives, methodology, testing, sample preparation, etc., are not clear. Geotechnical properties of the soil should be given in the paper.
9. References are not cited in the paper, which is very negligent. In my opinion, this paper is not suitable for publication in any conference or journal in the present form.