

# Review of: "Microstructure of unsaturated loess and its influence on strength characteristics"

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In this paper, the authors are interested in the fact that the structure has a certain effect on the mechanical deformation of unsaturated loess, but there are few literatures on the mechanism of microstructure and structure and the mechanical properties of loess. It sounds very interesting to study this problem from the perspective of microstructure.

The author By comparing the structural differences of unsaturated undisturbed and remolded loess under the same physical and mechanical conditions, combined with unsaturated triaxial shear test, scanning electron microscope and CT scanning test, this paper aims to explore the mechanism of structural effect on the mechanical deformation characteristics of loess from the aspects of microstructure and macroscopic mechanics. The study has a good guiding role for engineering construction in loess area.