

### عنوان مقاله:

Strengthening and Retrofitting shear strength of clay soils in conduits by polymer materials

### محل انتشار:

هشتمین سمینار بین المللی مهندسی رودخانه (سال: 1388)

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### خلاصه مقاله:

In order to discussing the positive effect of polymer materials on shear strength of reinforced clay in conduits , shear tests achieve on reinforced clay in soil mechanics laboratory. In this research study , by utilizing polymer materials (geotextiles ) in a specified clay and performing uniaxial shear test on reinforced soil , it is distinguished , by setting geotextile sheets in alignment of 60 degrees to failure plane, the maximum increase in shear strength ( about 25 % ) .may be obtained

### کلمات کلیدی:

reinforced clay , shear strength , uniaxial shear test , geotextile

### لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/85941>

