

عنوان مقاله:

Centrifuge modeling of soil response by low energy dynamic compaction

محل انتشار:

سومین همایش بین المللی مهندسی ژئوتکنیک و مکانیک خاک ایران (سال: 1381)

تعداد صفحات اصل مقاله: 8

نویسندگان:

M.Parvizi - Manchester School of engineering .University of manchester

C.M.Merrifield - Manchester School of engineering .University of manchester

خلاصه مقاله:

in order to demonstrate the suitability and the repeatability of the WAK test i.e. the ability to predict the increase in mechanical properties of soil; stiffness(K), damping factor (C), mass of vibrated (M) and depth of improvement (D) with increasing number of blows, the results of three centrifuge tests are presented. the results show that the behaviour of the soil system is similar in each case with an increasing number of blows. in order to measure the soil dynamic response during each blow, an array of earth pressure cells were placed within the soil mass. the compression stress wave (P-wave) velocity was determined from examination of the difference in arrival times at dynamic earth pressure cells located in the soil

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/2881>

