

Reconsideration about the model experiment of the liquefaction in schools

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In this study, we indicated the simple method for the science experience of the liquefaction in school. We examined the making of the shaking table by the manual operation, the quantity of sand and the water, and the way of shaking table. As the results, we decided the quantity of the water is about 470ml and the number of vibration per 30 sec is 100. Furthermore, we discussed the soil and sand of other place, and we report the examination whether or not a similar phenomenon is occurred. In these examinations, we can express a liquefaction resemblance phenomenon clearly, and it will be to help for the experiment.

Keywords: liquefaction, model experiment