

LIQUEFACTION ANALYSIS OF EARTHQUAKES IN KOREA

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Abstract

Liquefaction has occurred in Pohang for the first time in Korea since the Korea Meteorological Administration's instrument earthquake observation.

Liquefaction is a phenomenon caused by overpressure of noodles in loose saturated sands. In seismic design, the ground to which the structure is to be placed shall be the first to be carried out. There hasn't been much research in Korea yet. Therefore, in this study, we intend to investigate and comprehensively analyze cases of liquid phaseation in Korea and abroad. In particular, the plan for urban construction in areas such as landfill by investigating measures and methods for liquidization. Design and construction will require sufficient seismic force to account for the area.

Keywords: Earthquakes, Liquefaction, Pohang

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