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(57) Abstract :

ABSTRACT: Title: A System and Method for Predicting Liquefaction Susceptibility of Subsoil Layers Using Artificial Neural Network The present disclosure proposes a system (100) for evaluating liquefaction potential of subsoil layers using an artificial neural network module (101). The system (100) comprises a computing device (102) and an artificial neural network module (101). The artificial neural network module (101) of a system (100) offers more accurate and reliable assessments of liquefaction potential of subsoil layers. The proposed artificial neural network module (101) of a system (100) can ensure safety and stability of construction projects by evaluating the liquefaction potential of subsoil layers. The artificial neural network module (101) of a system (100) reduces cost and improves efficiency for evaluating the liquefaction potential of subsoil layers.

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