Special Issue

Soft Soil Mechanics and Foundation Consolidation

Message from the Guest Editor

Soft clay foundation is widely distributed all over the world. Soft clay has the characteristics of high moisture content, high compressibility, and low permeability coefficient. Under the action of high-rise building load, groundwater precipitation, subway vibration, high-speed railway vibration, and seismic load, soft clay foundation is prone to deformation and settlement, and sand is liquefied under seismic load. Therefore, the mechanical properties of soil under dynamic and static load need to be further studied. In addition, artificial freezing and grouting reinforcement technology are often used in the construction of urban underground space engineering. The mechanical properties of frozen thawed clay and grouting reinforcement soil also need to be studied.

Guest Editor

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