Special Issue

Advances in Soil Mechanics & Foundation Engineering

Message from the Guest Editors

This Special Issue is devoted to frontier issues in soil mechanics and foundation engineering. Geotechnical engineering has focused research efforts on understanding soil mechanics for foundation engineering purposes. Soils respond in an anisotropic, non-linear, time-dependent manner under various loading conditions. They experience plastic deformation and exhibit erratic dilatancy. Computational approaches for solving complex soil mechanics and engineering mechanics problems are receiving extensive attention. Moreover, the improvement of bearing capacity and the treatment of pollutants have become topics of major research emphasis in foundation engineering. In order to establish a complete evaluation system of foundation treatment methods, there is a need to explore the mechanism characteristics of different soil treatment methods and to improve the theoretical model of consolidation restoration.

Contributions on soil dynamics, soil constitutive models and their application in geotechnical engineering, computational methods in soil engineering mechanics, granular matters and systems across scales, and new treatment technologies of foundation soil are especially welcome.

Guest Editors

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Deadline for manuscript submissions

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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