

Special Issue

Foundation Treatment in Civil Engineering

Message from the Guest Editors

Improving the soil or rock properties that support buildings is an important issue for scientists and engineers. The functional characteristics of soil or rock not only depend on the composition and structural form of the soil, but also on various treatment methods. The purpose of modern foundation treatment is to improve technical equipment and process parameters, as well as the composition and structure of rock and soil, in order to achieve high bearing capacity, high water stability, low interface resistance, and many other characteristics. This Special Issue will focus on new perspectives regarding engineering materials and technical measures to improve the chemical or functional properties of soil or rock. Keywords

- soft foundation treatment
- bearing capacity and stability of rock and soil mass
- foundation settlement deformation
- dynamic characteristics of soil
- engineering characteristics of special soil
- technical measures for foundation treatment engineering
- soil improvement materials

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Message from the Editor-in-Chief

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.

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