



Pile Foundation Analysis and Design

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Message from the Guest Editors

Dear Colleagues,

Pile foundations have been widely used to transfer large loads from superstructures to competent soil layers. During the long process of exploration and practice, the types and techniques of pile foundations have seen huge progress. In recent decades, the emergence of new materials, new machinery and new techniques have facilitated the leap forward in the development of pile foundation, and the design theory and engineering analysis of pile foundations have also made great strides.

This Special Issue aims to focus on knowledge of analysis and design of pile foundations. Topics of interest for this Special Issue include, but are not limited to: overview of pile foundations; theoretical and experimental research on pile foundation; engineering design research and practice of pile foundation; construction technology and quality control of pile foundation; pile foundation engineering in special soil; accident handling and typical cases in pile foundation engineering; pile detection and pile risk assessment; technology-standards-related issues of pile foundation engineering; new types of pile foundation; and piles of new material.





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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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