

Special Issue

Soil Structure Interaction of Resilient Systems

Message from the Guest Editors

Recent evidence from the literature has demonstrated the significant impact of the effects of soil–structure interaction on civil structures and infrastructures. In particular, seismic actions on buried and aboveground systems may significantly affect their vulnerability and thus resilience. In addition, robust approaches are required to address these effects due to the complexity of the interaction. This Special Issue aims to discuss and propose new research on the topic to reach a better understanding and develop designs and methodologies. Papers on the following are particularly welcomed:

- Seismic effect on civil structures;
- Seismic response and design of buried structures;
- Effects of soil liquefaction;
- Seismic effect of nearby structures;
- Resilient buried infrastructures;
- Application of artificial intelligence in the design of resilient civil structures.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2023)



Applied Sciences

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About the Journal

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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