

Special Issue

The Development of Underground Projects in Urban Areas

Message from the Guest Editors

The aim of this Special Issue, entitled “The Development of Underground Projects in Urban Areas” is to gather original fundamental and applied research related to the numerical models and advanced treatments of heterogeneous and discontinuous geo-materials and underground structures. Potential topics include, but are not limited to, the following topics:

- Advanced algorithms to quantify morphology characteristics of heterogeneous and discontinuous geo-materials;
- Constitutive models of heterogeneous and discontinuous materials;
- High-performance computation methods for heterogeneous and discontinuous materials;
- Advanced treatments for surrounding rocks and underground structures during tunneling in heterogeneous geo-materials;
- Settlement prediction and control during tunneling in heterogeneous geo-materials;
- Three-dimensional mechanical behavior of urban underground structure under complex environment;
- Safety evaluation for urban underground structure under complex environment;
- Regulation, planning, environmental assessment, investment, management of underground projects in urban areas.

Guest Editors

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Prof. Dr. Mingfeng Lei

Dr. Yu Liang

Dr. Yuexiang Lin

Deadline for manuscript submissions

closed (30 April 2023)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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