



The Development of Underground Projects in Urban Areas

Guest Editors:

Dr. Jianjun Ma

Prof. Dr. Mingfeng Lei

Dr. Yu Liang

Dr. Yuexiang Lin

Deadline for manuscript
submissions:

closed (30 April 2023)

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:

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





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Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
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