



Tunnel and Underground Engineering: Recent Advances and Challenges

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Message from the Guest Editors

At present, there are still many key technical problems in the construction of tunnel and underground engineering, such as the mechanical evolution mechanism of surrounding rock during the construction of underground engineering and tunnel engineering; the construction safety of underground works and tunnel works in rich water geological environment; and the intelligent construction of underground engineering and tunnel engineering.

This Special Issue aims to publish high-quality, original research papers in the following overlapping fields (while also not limited to these fields):

- The mechanical mechanism of tunnel and underground engineering;
- The informationized monitoring of tunnel and underground engineering;
- The intelligent development and utilization of urban underground space;
- The intelligent construction of tunneling engineering;
- The engineering problems of urban subways;
- Engineering structure design and optimization;
- Pipe jacking construction;
- Rock and soil mechanics with multi-field coupling;
- A constitutive model of rock and soil;
- Underground carbon dioxide storage technology;
- Underground energy storage.





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Message from the Editor-in-Chief

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