



Tunneling and Underground Engineering: From Theories to Practices

Guest Editors:

Prof. Dr. Dajun Yuan

School of Civil Engineering,
Beijing Jiaotong University,
Beijing 100044, China

Dr. Dalong Jin

School of Civil Engineering,
Beijing Jiaotong University,
Beijing 100044, China

Dr. Xiang Shen

College of Civil and
Transportation Engineering,
Shenzhen University, Shenzhen
518060, China

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Message from the Guest Editors

We are inviting submissions to a Special Issue on Tunneling and Underground Engineering: From Theories to Practices.

It can be seen from the urbanization process of developed countries that when the level of urbanization reaches 50%, a series of problems (e.g., urban population congestion, traffic congestion, environmental pollution) will intensively erupt. To meet the ever-growing needs of urban development and social activities, tunnels and underground development spaces have become the best solutions.

The purpose of this Special Issue is to create a channel for knowledge sharing of fundamental mechanics theory and advanced tunnel construction technology. Both theoretical and engineering applications are welcome, as well as comprehensive reviews and survey papers.

Keywords

- tunneling
- underground construction
- tunnelling mechanics
- risk assessment
- construction management
- monitoring and maintenance
- underground information modelling
- machine learning in underground engineering





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
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