



Recent Advances in Tunneling and Underground Space Technology

Guest Editors:

Dr. Rongzhu Liang

Faculty of Engineering, China
University of Geosciences, Wuhan
430074, China

Dr. Cungang Lin

School of Civil Engineering, Sun
Yat-sen University, Guangzhou
510275, China

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Message from the Guest Editors

Dear Colleagues,

We are seeking research relevant to tunneling and underground space, including but not limited to: shield tunneling, deep excavation, pipe-jacking engineering, municipal pipeline engineering, and pile foundations. This Special Issue will publish high-quality, original research papers in the overlapping fields of:

- New construction technologies of shield tunneling, pipe jacking, deep excavations, and other underground constructions;
- Interactions between adjacent constructions and underground facilities (e.g., metro stations, shield tunnels, pile foundations, and pipelines);
- Environmental effects of complex basement excavation, shield tunneling, pipe jacking, and other underground constructions;
- Intelligent monitoring technologies during and after underground structure construction;
- Protection and repair measures for underground facilities (e.g., shield tunnels, metro stations, pile foundations, pipelines, etc.);
- Novel exploration methods for underground spaces;
- Case studies, analytical methods, numerical analyses, and experimental tests related to underground space engineering





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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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