Special Issue

New Challenges in Urban Underground Engineering

Message from the Guest Editors

The development of urban underground space has been rapid, offering promising solutions to the challenges faced by rapidly growing cities worldwide. With the increasing exploitation of underground space and construction of high-rise buildings in urban areas, numerous underground projects have emerged, constantly expanding in scale and depth. This Special Issue welcomes manuscripts that explore original theories, methods, technologies, and applications throughout the lifecycle of underground projects including planning, design operation and maintenance disaster prevention, and demolition. Potential topics include, but are not limited to, the following:

The utilization of artificial intelligence technology in urban underground engineering.

Theoretical framework, methodology, and essential technologies for the construction, operation, and maintenance of urban underground engineering.

The discussion on the design, construction, and management of transportation tunnels and mines to improve connectivity and promote sustainable practices.

The mitigation of environmental impacts and integration of underground space with ecosystems for harmonious urban–natural coexistence.

Guest Editors

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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.

Editor-in-Chief

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