Special Issue

Recent Research on Tunneling and Underground Engineering

Message from the Guest Editor

Tunnels and underground projects are an effective and direct way to expand land use space, reduce population congestion, ease traffic, and improve urban ecological environment. The vigorous development of underground space has become an inevitable trend of urban development. In recent years, various research methods from theoretical, experimental, and numerical perspectives have been proposed to solve the three major technical problems of "water, soft rock and unpredictable deformation", effectively promoting the research progress in the field of tunneling and underground engineering.

The aim of this Special Issue is to bring together papers on different topics related to risk assessment, disaster prediction, advance warning, destabilization control, and post-disaster reconstruction in tunneling and underground engineering, such as three-dimensional similar model tests, multi-field coupled mechanics analytical models, and their engineering applications. Submissions relating to theory, experiments, techniques, numerical methods, and engineering projects are all welcomed, including both original research and review articles.

Guest Editor

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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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