

## Special Issue

# Deep Rock Mass Engineering: Excavation, Monitoring, and Control

### Message from the Guest Editors

The massive and fascinating underground spatial resources play a momentous role in the modern world. Deeper and longer tunnels are developed to meet the needs of transportation, energy storage, shelter, dwelling, and so on. However, excavation and construction in deep rock mass present a great number of challenges that are urgently necessary to address, such as rockburst and squeezing. Therefore, in light of the above considerations, we invite investigators to contribute to this Special Issue on “Deep Rock Mass Engineering: Excavation, Monitoring, and Control” with original research papers. Potential topics include but are not limited to:

- Laboratory-based experimental investigations of deep rock mass;
- Monitoring techniques in deep tunnels;
- Theoretical models for deep tunnels;
- Numerical modelling of rock failure in deep tunnels; and
- Applications of field monitoring of tunnels and other related aspects.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 April 2022)



## Applied Sciences

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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