

Special Issue

Numerical Simulation and Engineering Application of Rock Mechanics and Geotechnical Engineering (Second Edition)

Message from the Guest Editors

With the utilization of underground space, the development of underground power stations, the development of mineral resources and energy sources, and transportation, research on rock mechanics is increasingly turning towards having an underground focus. Therefore, more attention will be paid to rock mechanics problems related to underground engineering in the future, such as rapid construction technology, rock burst, gas explosion, and the in situ monitoring of surrounding rock. Topics covered in this Special Issue include, but are not limited to, the following:

- Efficient numerical simulation method for rock mechanics;
- Numerical simulation of rock and soil mass behavior under different loading conditions;
- Modeling of soil–fluid interaction and its influence on rock behavior;
- Computational geomechanics for underground excavations and tunnels;
- New construction techniques and engineering applications in geotechnical engineering;
- Numerical simulation of the development process of geothermal, oil, gas, and other underground resources.

Guest Editors

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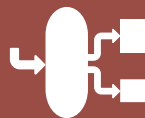
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