

## Special Issue

# Deep Rock Engineering Disasters and Interactions between Soil, Rock, and Groundwater

### Message from the Guest Editors

The disaster monitoring of rock engineering plays a key part in the construction of major projects, especially for the deep rock mass in the tunnel of hydroelectric engineering and railway construction. The monitoring and analysis by the use of different methods or devices often focus on interactions and fractures. All these monitoring and analysis methods could provide a way to solve the disaster monitoring problem and promote technical development. This Special Issue is open to papers addressing the monitoring and analysis of engineering disasters, especially for interaction problems between soil, rock, and groundwater during the construction of deep geotechnical engineering and geomechanics. We aim to publish contributions on novel disaster monitoring and analysis methods, including new constitutive schemes, particularly the advanced monitoring approaches of micro-seismic monitoring, ultrasonic investigation, and borehole cameras. Practical applications of these advanced approaches to real disaster monitoring problems are particularly welcome.

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### Guest Editors

Prof. Dr. Bingrui Chen

Institute of Rock and Soil Mechanics, Chinese Academy of Sciences, Wuhan 430071, China

Dr. Xianjian Zou

Institute of Rock and Soil Mechanics, Chinese Academy of Sciences, Wuhan 430071, China

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### Deadline for manuscript submissions

closed (20 September 2022)



## Applied Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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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  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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