

Special Issue

Sustainable Engineering: Prevention of Rock and Thermal Damage

Message from the Guest Editors

With the increasing demand for underground space, numerous underground projects have been performed worldwide which involve deep underground mining, underground energy storage, etc. As the complexity of underground engineering and new rock breaking technologies increase, associated rock and thermal damage arise during the construction and maintenance process. Ensuring the safety, stability, and reliability of geotechnical engineering has become a new challenge. For these reasons, we propose a wide-ranging topic. Articles submitted to this Special Issue can also be concerned with the most important recent mechanical properties of rock at high temperatures, mining technology in deep mine, thermal hazard in deep engineering, microwave heating, geothermal, dry hot rock, thermal hazard prevention and control measures, and their applications in the area of geotechnical and mining engineering. This Special Issue aims to bring together original research and review articles highlighting recent advances and challenges in prevention of rock and thermal damage. We look forward to receiving your contributions.

Guest Editors

Dr. Jieli Li

Dr. Chun Yang

Dr. Quan Zhang

Deadline for manuscript submissions

closed (31 October 2023)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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