

## 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.

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### Guest Editors

Dr. Jielin Li  
Dr. Chun Yang  
Dr. Quan Zhang

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### Deadline for manuscript submissions

closed (31 October 2023)



## Sustainability

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

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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