



Advancing Sustainability in Rock Mechanics and Underground Engineering

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Message from the Guest Editors

Underground infrastructures are increasingly in demand as a solution to cope with the growing development of transport infrastructures, industrial facilities and urban sprawl. Occupying underground space frees up surface space, which is of greater economic, social and environmental value. On the other hand, the productive sector requires the mining sector to extract and process raw materials in an economically profitable way, while at the same time being subject to greater environmental and social pressures.

The growing demand for underground space and the pressures on the mining sector require innovative tools and processes that contribute to greater sustainability. The industry must achieve greater economic efficiencies and lower environmental costs, as well as consider the suitability and reuse of existing underground spaces.

The scope of this Special Issue is to gather original fundamental and applied research concerning experimental, theoretical, computational, and case studies that contribute towards sustainable underground construction and mining.





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Message from the Editor-in-Chief

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