Special Issue

Advancing Sustainability in Rock Mechanics and Underground Engineering

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.

Guest Editors

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Deadline for manuscript submissions

closed (21 January 2025)



Sustainability

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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.

Editor-in-Chief

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