

Special Issue

Sustainable Groundwater Control Methods in Tunnel Engineering

Message from the Guest Editors

This Special Issue aims to highlight the state-of-the-art techniques related to sustainable groundwater control in tunnel engineering. Original theoretical research articles, review articles, and case studies are welcomed. Potential topics include, but are not limited to, the following:

- New grouting materials to keep groundwater from leakage or inrush;
- Advanced numerical models to simulate the movement of fissure water and karst water;
- Multiphase coupling behaviors for unsaturated soils;
- The seepage field of a tunnel after excavation and the dynamics process of water inrush;
- The dynamic restoration process and time effect of the groundwater ecological environment in a tunnel site;
- The influence of drainage on groundwater-dependent plants and its countermeasures;
- Examples of water inrush disaster.

Guest Editors

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Deadline for manuscript submissions

closed (10 July 2022)



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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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