

Special Issue

Groundwater Evolution and Hydrochemical Processes in Mining Environments

Message from the Guest Editors

This Special Issue is centered on examining the intricate dynamics of groundwater behavior and hydrochemical reactions within the context of mining activities. It seeks to offer a comprehensive understanding of the challenges and potential mitigation strategies for water management within mining environments. By scrutinizing the evolution of groundwater and associated hydrochemical processes, this Special Issue aims to inform professionals in hydrogeology, environmental science, and mining engineering about the latest research, methodologies, and strategies for mitigating the adverse effects of mining on groundwater systems. This Special Issue also explores the role of groundwater in the stability of mining operations. Furthermore, this Special Issue addresses the need for innovative approaches to monitor and manage groundwater resources in the face of increasing mining activities. The compilation of research in this Special Issue not only contributes to the scientific community's understanding of groundwater in mining environments but also serves as a guide for policymakers and industry professionals.

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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