Special Issue

Mine Water Treatment, Utilization and Storage Technology

Message from the Guest Editors

The harmless treatment, resource utilization, and geological storage of mine water are critical research directions for addressing "liquid waste" challenges in coal mining, aiming to achieve coordinated development between energy resource exploitation and ecological environmental protection. We are pleased to invite interdisciplinary contributions that inspire interest among researchers and practitioners in this field. The scope of this Special Issue includes, but is not limited to, the following: Mine Water Treatment Technologies: Physical and chemical methods, biological treatment technologies, and efficient treatment processes. Mine Water Resource Utilization: Industrial reuse, domestic applications, agricultural use, and strategic resource recovery. Mine Water Geological Deep Well Injection and Storage: Site selection criteria, long-term stability and safety, and monitoring systems. Policy and Sustainability: Life cycle environmental risk assessment, policy frameworks, circular economy models, and sustainability.

Guest Editors

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Deadline for manuscript submissions

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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

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