Special Issue

Management and Monitoring of Water and Soils Associated with Mining Activities

Message from the Guest Editors

Water and soil resources are at risk due to climate change, population growth, overexploitation, mining activities and agricultural practices. Ensuring aequate access to natural resources is one of the United Nations Sustainable Development Goals. Mining acitivities is one of the major environmental issues that causes degradation of ecosystems during and/or after mine closure. Significant amounts of potential toxic elements could pose a great threat to the populations. Despite developments in recent decades, the mineral extraction sector is facing challenges associated with environmental geochemistry in the mining environment, from the prediction of water and soil quality to mine site reclamation/closure and monitoring. Special Issue aims to cover the diversity of research associated with integrated water and soil assessment and monitoring, including innovative approaches and new perspectives with practical applications related to the environmental geochemistry in the mining environment. Papers providing examples of the methodological challenges and the novel tools for monitoring and management of water and soil associated with mining areas are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2024)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/101529

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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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