

Special Issue

Impact of Mining Activities on the Groundwater Resources

Message from the Guest Editor

Dear Colleague, The mining exploitation and extraction contribute to the development of the socio-economy of many countries (Africa, China, USA, Canada, Europe).

This Special Issue deals with water resources related to mining activities. It brings together the following subjects:

Identification of the hydrogeological parameters and the impact on the water storage;

Mining and water quality;

Hydrochemical interactions water/ rocks;

The Sustainable mining water management;

Risk analysis and post-mining management

Geostatistical and numerical modeling of the groundwater in the mining context.

Waste Management and rehabilitation;

Approaches related to the impact of mining activities on water resources. The present special issue draws from worldwide hydrogeological, geochemical, and geophysical investigations in the field, laboratory and geostatistical approaches, numerical simulations of contaminants transfer for a better assessment of resources in the mine context.

Guest Editor

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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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