Special Issue

Sustainable Dewatering and Tailing Disposal in Mineral Industry

Message from the Guest Editors

The recent increase in the demand and supply of different minerals has created a need for efficient management and sustainability of their processing. Dewatering and tailing disposal is an important area in the mining and mineral industry which needs special focus. Moreover, the mineral industry has changed significantly over the past few years due to the handling of more complex ores, which generate an enormous quantity of ultrafine size tailing and adversely impact the ecosystem and sustainability. Further, recent tailing dam failures have drawn attention to the need for an efficient scientific process for dewatering and handling of such tailing slurries.

Adoption-efficient and cost-effective management of tailing slurries is a challenging task to meet future demands in terms of recycling of process water along with protection of the environment through incorporating innovative and sustainable processes.

This Special Issue will identify novel cost-effective and environmentally friendly innovative sustainable technologies for processing dewatering and handling fine and ultrafine tailing slurries. Papers on various aspects of dewatering and tailing disposal are invited.

Guest Editors

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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. *Sustainability* publishes original research articles, review 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.

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