

Special Issue

Colloidal/Fine Particle Aspects of Mine Tailings

Message from the Guest Editor

This Special Issue aims to gather high-impact original articles as well as insightful review articles on mine tailings, including new innovations and best practices. Mine tailings, i.e., common mixtures of finely ground mineral particles and water, have been reported as a potential source of health and environmental problems [1,2], and there are over 12,000 tailings dams around the world [3]. They have also been identified as potential future resources, and thus, they can be reprocessed to recover the remaining value due to the technical advancement of characterization and processing. One of the unique characteristics of tailings is the presence of colloidal/fine particles that have been seen as a challenge for characterization and processing [4–8]. This Special Issue welcomes not only colloidal/fine particle aspects of mine tailings but also new developments on mine tailings as well as any related characterization and processing methodologies that can enhance the reprocessing and/or reduction of tailings.

Guest Editor

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