Special Issue

Dewatering of Fine Mineral Tailings

Message from the Guest Editor

This Special Issue aims to bring together new and innovative studies in the area of dewatering of fine mineral slurries and tailings, to review the current state of knowledge and to develop improvements in current schemes. We welcome all studies relevant to this area. The keywords are:

- mineral processing
- dewatering
- mineral slurries
- fine slurries
- fine tailing
- mine tailings
- tailings disposal
- particle interaction
- rheology of mineral slurries
- sedimentation
- consolidation
- process water recycle
- clay mineral
- environmental risk mitigation
- flocculant-mediated dewatering
- gravity sedimentation; thickening

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2018)

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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