Special Issue

Water within Minerals Processing, Volume II

Message from the Guest Editors

Water within minerals processing is currently a highly topical issue. With so many mining operations being located in water-scarce regions as well as worldwide water shortages, tighter environmental restrictions, and developing corporate sustainability strategies, it is essential that mineral-processing operations become cognizant of their water usage and the options for reducing, reusing, and recycling their onsite water where necessary and possible. Although mining generally uses far less water overall than agriculture, it is the processing of minerals that generates water of an inferior quality that either ends up in tailings dams or requires treatment before it can be discharged to the environment...This Special Issue considers the impact that changes in water chemistry will have on the mineral concentration process; a special focus will be given to research that considers flotation as the primary process, while related processes and fit for purpose water treatment will also be considered.

Guest Editors

Dr. Kirsten Claire Corin

Centre for Minerals Research, University of Cape Town, Cape Town 7700, South Africa

Dr. Malibongwe Manono

Centre for Minerals Research, University of Cape Town, Cape Town 7700, South Africa

Deadline for manuscript submissions

closed (24 November 2023)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/116635

Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

mdpi.com/journal/minerals

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/journal/minerals

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.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth, Germany

Author Benefits

High Visibility:

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).

MDPI