Special Issue

Water in Flotation

Message from the Guest Editors

It is widely acknowledged that water quality plays a crucial role in the success of flotation. The low availability of freshwater resources near mining locations in some parts of the world poses a significant threat to froth flotation, as water acts as both a reagent and a transport medium. In mining regions where the availability of fresh water is scarce, alternative sources such as treated sewage effluent, groundwater, and seawater are being explored for their suitability in the process. Other strategies focus on managing existing process water through recycling, reuse, and reduction. We therefore invite you to submit manuscripts on the topic of water in flotation, which may include the following:

- The treatment of water from flotation tailings and concentrates before reuse;
- The dewatering of tailings and concentrates;
- Novel techniques and instruments used to monitor water quality in flotation.

We look forward to receiving your valuable contributions!

Guest Editors

Dr. Malibongwe Manono

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

Dr. Kirsten Claire Corin

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

Deadline for manuscript submissions

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

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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.

Editor-in-Chief

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

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