



Comminution in the Minerals Industry

Guest Editor:

Prof. Dr. Luís Marcelo M. Tavares

Department of Metallurgical and
Materials Engineering,
Universidade Federal do Rio de
Janeiro-UFRJ, Caixa Postal
68505, Rio de Janeiro CEP 21941-
972, RJ, Brazil

Deadline for manuscript
submissions:

closed (1 August 2020)

Message from the Guest Editor

Dear Colleagues,

Size reduction processes, which encompass crushing and grinding, represent a significant part of the capital as well as of the operational cost in ore processing. Improving and further understanding such processes is worthwhile, since any measurable improvement may lead to benefits to the process, be they a reduction in energy consumption, wear, or improved performance in downstream processes. Contributions dealing with the various aspects of comminution are encouraged, including understanding of ore breakage, modeling, simulation, control, plant practice, novel comminution and ore pretreatment technologies, as well as downstream implications of comminution processes.

Prof. Dr. Luís Marcelo M. Tavares
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q2 (*Geochemistry and Geophysics*) / CiteScore - Q2 (*Geology*)

Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/minerals
minerals@mdpi.com
[X@Minerals_MDPI/](https://twitter.com/Minerals_MDPI/)