



## Modeling, Design and Optimization of Multiphase Systems in Minerals Processing

Guest Editor:

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submissions:  
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### Message from the Guest Editor

Dear Colleagues,

Mineral processing deals with complex particle systems with two-, three- and more phases. The modeling and understanding of these systems are a challenge for research groups and a need for the industrial sector. This Special Issue aims to present new advances, methodologies, applications, and case studies of computer-aided analysis applied to multiphase systems in mineral processing. This includes aspects such as modeling, design, operation, optimization, uncertainty analysis, among other topics. The articles can be general about multiphase systems or specific phenomena such as flotation, leaching, solvent extraction, thickening, multiphase flow, among others that include the simultaneous presence of several phases. Articles that may be of interest to a general audience are preferred over more specific or reduced audience, and therefore, multidisciplinary, interdisciplinary, and cross-disciplinary studies are welcome.

Prof. Dr. Luis A. Cisternas

*Guest Editor*





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## 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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