# Special Issue

# Geometallurgy Applied to Mine Planning

### Message from the Guest Editors

Geometallurgy is an approach that combines geology, mining, and processes to describe the deposits in detail. Mine planning is an optimization method to extract mineral reserves to add value to the business. Combining geometallurgy with mine planning can produce scenarios close to reality and avoid undesired surprises due to the lack of characterization used in projects and operations. Different lithologies can have distinct responses during mineral processing and this information can be included in the block models developing the called “geometallurgical block model”. The challenge for mine planners is producing reliable mine planning from the geometallurgical block model to obtain a precise, fast, and consistent decision-making process.

### Guest Editors

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Prof. Dr. Julian Ortiz

Prof. Dr. Nelson Morales

### Deadline for manuscript submissions

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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.

## Editor-in-Chief

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