



Surface Chemistry in Mineral Processing and Extractive Metallurgy

Guest Editors:

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Deadline for manuscript
submissions:

closed (1 May 2020)

Message from the Guest Editors

Dear Colleague,

Mineral processing and extractive metallurgy produce metals for industry, mainly including beneficiation and (bio)hydrometallurgy. Surface reaction plays an important role and is even the determining step during the whole beneficiation and (bio)hydrometallurgy process. This Special Issue will focus on recent advances in the surface chemistry, mainly in (bio)flotation and (bio)hydrometallurgy, including but not limited to topics such as surface characterization of minerals; surface adsorption of chemicals and/or microorganisms; and surface corrosion and/or electrochemistry.

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Editor-in-Chief

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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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