



Mineral Solubilities: Measurement and Modelling

Guest Editor:

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Deadline for manuscript
submissions:

closed (27 September 2019)

Message from the Guest Editor

Dear Colleagues,

Mineral solubilities are of high relevance to areas as diverse as geochemistry, mining engineering, hydrometallurgy, nuclear waste disposal, materials synthesis, environmental and biological sciences, to name just a few. Accurate solubility data are also required to derive thermodynamic properties of minerals. For this Special Issue, high-quality contributions are invited that cover all aspects of solubility measurements of minerals (and biominerals) in aqueous systems, including innovative experimental techniques and apparatus for measurements over wide ranges of conditions. Both new and traditional approaches to the modelling of mineral solubilities are welcome, ideally (but not necessarily) in conjunction with an experimental study. Papers dealing with the measurement and modelling of solid-solution solubilities are especially welcome. Studies applying new data and models for mineral solubilities to natural, industrial or biological processes are also encouraged.

Dr. Erich Königsberger

Guest Editor





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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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Journal Rank: JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

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