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Applied Geochemical Modeling

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Deadline for manuscript submissions:
closed (15 June 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of the MDPI journal *Minerals* follows the Second Symposium on Applied Geochemical Modeling, held on 25 August, 2019, at the ACS National Meeting in San Diego, California. Submissions are sought from authors who presented at the symposium, and the wider scientific community, that highlight new knowledge that has been made possible by the application of geochemical modeling and unique approaches to geochemical modeling that make use of newly available thermodynamic, kinetic, or enzymatic catalysis data, or newly developed activity, surface complexation or isotope fractionation models. Authors may discuss their use of commercial software packages (e.g., The Geochemist's Workbench, Visual MINTEQ, PHREEQC, MINEQL+, WHAM) or present their own geochemical models built from first principles. The Editors invite submissions in the form of original research articles, review papers, communications, and technical notes.

Dr. Rafael M. Santos
Dr. Emily (Yi Wai) Chiang
Guest Editors

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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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