



Crystal Structure, Surface Reactivity and Applications of Clay Minerals

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Deadline for manuscript submissions:

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Message from the Guest Editors

Clay minerals are a family of hydrous layered aluminosilicates, usually with a particle size of $<2 \mu\text{m}$, and they are the minerals most closely related to human activities. On the surface of the Earth, as important mineral components of soil and sediment, they affect geochemistry, environmental and ecology of the Earth's critical zone. As natural nano/micron materials, clay minerals have wide applications in many fields.

We are pleased to invite you to contribute your new achievements to this Special Issue entitled "**Crystal Structure, Surface Reactivity and Applications of Clay Minerals**". In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: (1) characterization, computational simulation and structure refinement studies on clay minerals; (2) their synthesis/formation, stability and transformation, reactivity with environmental contaminants and (3) their advanced applications in material science, engineering, chemistry, agriculture, biological sciences, etc.

We look forward to receiving your contributions.





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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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