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The Universal Application of Clay Minerals

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Message from the Guest Editors

Dear Colleagues,

Minerals will publish a Special Issue entitled ''The Universal Application of Clay Minerals''. Clay minerals are ubiquitous on the Earth's surface and their applications date back to the beginning of humanity. They cover a very wide range of topics including industries engineering, the pharmaceutical industry, the adsorption of a wide variety of pollutants such as organic pollutants, heavy metals, and radionuclides, and many more. Moreover, it well known that all of them are related to factors such as the structure and chemical composition of clay minerals but also to other physical and chemical properties such as the area and the nature of its inner and external surfaces. In addition, all these physical properties can be improved with advanced clay-based materials by improving the performance of traditional applications that are used in new applications. This Special Issue will collect articles summarizing the traditional applications of clay minerals while paying special attention to those new applications developed with advanced clay-based materials.

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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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