



Analytical Spectroscopic Techniques: Applications on Minerals and Organic Matter in Soils and Sediments

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Message from the Guest Editors

Soils play essential roles in most of Earth's processes due to their participation in global climate regulation and main biogeochemical cycles. These involve pedogenetic processes that transform rocks and sediments, whose characteristics are influenced by combinations of soil formation factors such as the source material, climate. Soil organic matter (SOM) has a particularly important role in environmental sustainability, since it is related to carbon and nutrient cycling. This Special Issue of Minerals, entitled "Analytical Spectroscopic Techniques: Applications on Minerals and Organic Matter in Soils and Sediments", will focus on the fundamentals and applications of geochemical processes that occur in soils and sediments.

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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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