Special Issue

Soil Sorption Capacity and Remediation Methods

Message from the Guest Editors

Soils play a major role in the attenuation of naturally-occurring contaminants and contaminants of anthropogenic origins. The desire for an improved quality of life compromises the very nature of soils by hampering their ability to efficiently execute scientific processes associated with remediation. Sorption plays a significant role in contaminant remediation and is being widely exploited as a valuable remediation technique. Soil sorption transcends several disciplines including soil mineralogy and soil biogeochemistry and merits attention, giving insight into the various factors, processes, and mechanisms governing soil remediation. This Special Issue presents in-depth findings of research conducted on the subject. It also gives a multidisciplinary perspective on sorption mechanisms and principles applied in the use of various remediation techniques.

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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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