Special Issue

Challenges of Groundwater Quality Degradation in the Past Decades: Clues from Water–Minerals Interaction

Message from the Guest Editors

Groundwater is essential globally for human consumption, habitats maintenance, human society development, as well as the functioning of ecosystems. As a resource, groundwater is gaining increasing importance, especially in arid/semi-arid regions where surface waters are very scarce or absent. However, in the past few decades, with the rapid growth of population and economic activities, groundwater quality degradation has been developing at an alarming rate and posing a major health risk for many people worldwide. Essentially, groundwater quality is largely a function of mineral composition, the formation through which it flows due to water–mineral interaction. Many professionals believe that sharing knowledge and experiences of water–mineral interaction that control groundwater quality degradation is an effective strategy to identify and promote optimal approaches to the assessment, development and management of groundwater resources. ... For further reading: Minerals | Special Issue : Challenges of Groundwater Quality Degradation in the Past Decades: Clues From Water–Minerals Interaction (mdpi.com)

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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