Special Issue

Uranium in Sedimentary Basins: Migration and Concentration

Message from the Guest Editors

The average content of uranium in sedimentary rocks ranges from 0.45 to 3.7 ppm; however, it is very actively redistributed in these permeable deposits in strictly defined directions and forms large, roll-type deposits. Water is the main carrier of uranium; as a result, it is always radioactive to one degree or another. The Special Issue entitled "Uranium in sedimentary basins: migration and concentration" welcomes publications covering the entire cycle of uranium movement, from areas of origin to areas of (i) natural discharge into the ocean or (ii) industrial mining and processing. The chemical and radiological aspects of the impact of uranium concentrated along certain sections of this route should also be reflected. Finally, the use of uranium isotopes as indicators of geological, hydrogeological and geological processes must be considered and evaluated.

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About the Journal

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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