Special Issue

Metallic Elements in Sediments

Message from the Guest Editors

This Special Issue addresses all research that deals with metallic elements in sediments. Fluvial systems are among the most sensitive compartments of the surface environment, namely the “critical zone”, regarding contamination. Contaminations can take various forms and inorganic contamination can be of natural origin or may directly reflect human activities. [...]. When sediment quality is questioned, numerous outlines emerged such as the sustainable management of the impacted river, the use of water resources, potential transfer to living organisms, etc., and how to understand these outlines. Thus, environmental studies must deal with the complexity of numerous processes at various interfaces. Some ways to better understand contaminations lie in the use of a wide range of tools at various scales. Among them, the determination of the speciation, mineralogy, toxicity of the contaminants helps to better estimate the degree of impact and sometimes the way to better constrain it. -Nomade

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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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