Special Issue

Metal(loid)s Mobility in Hypersaline Environments and Salt Marshes

Message from the Guest Editors

Saline and hypersaline environments are characterized by diverse and unique biogeochemical properties and biological communities. Such extreme ecosystems consequently represent a very vulnerable natural resource with great ecological value for the ecosystem, which is of high importance in terms of both culture and economy. The assessment and knowledge of concentrations, distributions, bioavailability, and mobility of metal(loid)s in the mentioned environments are very important for better understanding of the mechanisms controlling the dispersal, accumulation, and fate of the metal(loid)s as well as their potential ecological and biological effects. This special issue aims to merge the research communities investigating spatial and temporal distribution of metal(loid)s in saline and hypersaline environments with different in situ and laboratory analytical approach, as well as to share and discuss the recent results, experience, techniques and future perspectives.

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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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