Special Issue

Geochemical Tracing of Trace Metal Pollution in Aquatic Sediments

Message from the Guest Editor

Sediment is probably the most important part of aquatic environments because all the suspended particles, organism excretion and dead organisms, as well as all the debris in the water column will eventually settle down to the bottom and are gradually buried in sediment. Trace metals are transition elements, and most of them are widely used in industries. The content of trace metals in aquatic sediments can be a good indicator to illustrate whether the aquatic environment is polluted by trace metals or not. The study related to the trace metal distribution, species transformation, complexation formation, toxicity and biological availability of benthic organisms, as well as methodologies for studying such phenomena in all aquatic sediment, such as rivers, lakes, reservoirs, salt marshes, estuaries and marine environments, are all welcome in this Special Issue. Within this scope, we welcome contributions that study any aspects of trace metals in aquatic sediment. The aim of this issue is to bring together cross-disciplinary scientists, such as geochemists and environmental chemists.

Guest Editor

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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