Special Issue

The Geochemical Behavior of Trace Elements in Inshore Environments

Message from the Guest Editors

The geochemical cycles of trace elements in inshore environments, especially in estuarine and coastal waters, have been significantly modified by anthropogenic influences as a result of the rapid industrialization, population growth, urbanization and resource demand that have occurred worldwide over the last 100 years. How trace element chemistry may change in the future as a direct (pollution) and indirect (global warming, ocean acidification) result of human activities can only be predicted if we better understand the geochemical behavior of biologically active minor and trace elements in the inshore environment. In this Special Issue, we would like to focus on the study of the geochemical behavior of trace elements that are critically important for marine organisms, either by helping to promote life or by producing harmful compound, in the context of different inshore environments. In addition, the study of the distribution of organic pollutants, such as persistent organic pollutants (POP) and pharmaceutically active compounds (PhACs) in inshore environments is also welcome in this Special Issue.

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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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