

Special Issue

Biogeochemical Cycles of Metals and Metal Contamination in Marine Systems

Message from the Guest Editors

The biogeochemistry of metals in natural waters is a key topic in order to understand the natural processes, and, at the same time, the processes under contamination by heavy metals in marine systems. In this sense, this Special Issue is focused on the physico-chemical processes where metals are involved, in order to increase our knowledge. All contributions about metal chemistry, from trace metal concentrations to higher levels, are welcome, and the following topics will be considered:

- Stable isotopic fractionation
- Oxidation and reduction in seawater
- The role of organic binding ligands in the physico-chemical processes of metals
- Characterization of organic ligands with interest in the metal chemistry
- Adsorption and uptake of metals onto organisms as bioindicators
- Metal adsorption on surfaces (from biosurfaces to plastics or microplastics)

Guest Editors

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closed (26 July 2020)



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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

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