



Metal Speciation/Fractionation in Different Phases of the Marine Environment

Guest Editor:

Dr. Aikaterini Sakellari
National and Kapodistrian
University of Athens, Athens,
Greece

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Message from the Guest Editor

Investigating the speciation/fractionation of metals still remains challenging, under the perspective of giving the best estimate of their bioavailable fractions. Thermodynamic modeling together with specialized sensitive analytical techniques have been applied for the study of metal complexation with chelators, present at low concentrations in seawater. Metals' fractionation in sediments, which may occasionally act as a source and/or sink of metals, is studied through the application of several schemes targeted at the evaluation of metals' mobilization and fluxes.

Original, unpublished research papers are invited in this Special Issue, providing innovative insights into advances, novel approaches, and recent findings on the wide aspect of speciation/fractionation of metals in the different phases of the marine environment (dissolved and particulate phases of seawater and sediments). Emphasis is on metal speciation and bioavailability, as well as on current tools applied in their study.





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Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy
2. State Key Joint Laboratory of Environment Simulation and Pollution Control, School of Environment, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

Message from the Editor-in-Chief

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Environments Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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