

Special Issue

Metal Speciation/Fractionation in Different Phases of the Marine Environment

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 Original, unpublished research papers are invited in this Special Issue, providing innovative insights into advances, novel approaches, and recent findings on the wide aspect of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.

Guest Editor

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Deadline for manuscript submissions

closed (1 October 2020)



Environments

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Impact Factor 3.7
CiteScore 5.7



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Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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