



Metal Speciation/Fractionation in Different Phases of the Marine Environment

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Original, unpublished research papers are invited in this Special Issue, providing innovative insights into advances, novel approaches, and recent findings on the wide aspect of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

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