



## Pharmaceuticals as Emerging Contaminants in Estuary Environment

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### Message from the Guest Editors

The use of pharmaceuticals is on the rise worldwide. The large use of these emerging contaminants in breeding and aquaculture causes frequent detection at low but biologically relevant levels, posing a growing risk to marine species and ecosystems. Studies on the impact of Ps in the coastal environment are reported at a limited scale since most regard freshwater organisms and subcellular/cellular effects, with far fewer studies examining organismal and community-level effects. Most studies in marine waters and sediments regard Ps levels ignoring biological exposure and providing scenarios in time with poor consideration of abiotic factors, which affect the degradation or metabolism of compounds into other forms. The aim of this Special Issue is to publish the most exciting research with respect to the above subject and to give a rapid tool for the free publication and dissemination of the articles. The following topics are suggested: innovative methods for the characterization and quantification of Ps in water bodies and marine organisms; the impact of Ps on living marine organisms and on microbial resistance; methods for elimination/reduction of their harmfulness.





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## Message from the Editor-in-Chief

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