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Quality on the Coastal Environment: Organic Inorganic Pollutants

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Message from the Guest Editors

Organic and inorganic pollutants can enter the coastal marine environment from various anthropogenic activities. Organic synthetic chemicals can enter the coastal systems from the various point and non-point sources; their occurrence as micropollutants in water, sediments, and biota may affect ecosystems structure and function and pose a potential human health risk. These chemicals are classified into various categories according to their chemical properties, use, etc. By taking into account their huge number it is obvious that their detection and quantification in the marine coastal environment is an enormous task that has not been yet accomplished.

This special edition as a tentative aims: (1) to gather existing information on the occurrence of organic pollutants in coastal environments already investigated; these will include compounds targeted by the Stockholm Convention as well as other persistent chemicals i.e., Pharmaceuticals, biocides, etc., (2) to present and discuss existing technologies used to remove-emerging-contaminants from sewage waters, and (3) to review the potential effects of emerging contaminants on marine biota.



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Special Issue



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Message from the Editor-in-Chief

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