Special Issue

Quality on the Coastal Environment: Organic Inorganic Pollutants

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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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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