Special Issue

Origin and Dynamic of Micropollutants in Contaminated River, Estuary, and Surrounding Coastal Water Systems

Message from the Guest Editors

Freshwater and coastal rivers are threatened by intense anthropogenic and nature activities. Urbanization and rural activities result in human pressures and are responsible for the evident change in the river and coastal quality. The most typical example is the origin and dynamic of micropollutants, such as nutrients, heavy metals, or organic pollutants (PAHs, POPs, etc.). In recent decades, micropollutants in coastal and freshwater rivers have been evaluated by several different methods and techniques. Because the measurement of hydro-chemical variables and biological indicators in the marine environment will favour better understanding of aquatic environment, methodological approaches are probably necessary to fill in the existing knowledge gap between the origin and dynamic of micropollutants. This Special Issue aims to put together classical and innovative studies of methods and techniques of micropollutants. These methods emphasize environmental and ecological problem solving by micropollutants' spatial and temporal variation, data analysis such as multivariate statistical analysis and chemometrics, etc.

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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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