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Pollution Control and Ecological Restoration in Freshwater and Marine Systems

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Message from the Guest Editors

Increased anthropogenic activities threaten environmental quality in freshwater and marine systems. Some old problems have not been solved yet, while new problems caused by persistent toxic substances or emerging contaminants are appearing. The marine system is often greatly influenced by the freshwater system, as the riverine input of pollutants is often the main source of coastal seas. Furthermore, the combined effect of different pollutants and different systems, or even the co-impact with other environmental stressors should be evaluated and abated. In this Special Issue, not only lab-based theoretical studies but also field-based practical studies on pollution control in freshwater and marine systems are welcome. In particular, the following topics are encouraged: novel approaches and practices on nutrient (nitrogen, phosphorous) and eutrophication control; watershed systematic solutions for water resource, water environment and water ecology; Interactions between freshwater and marine systems; evaluation and prevention of ecological risk of emerging contaminants; novel treatment technology of traditional and emerging contaminants.



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Special Issue



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Message from the Editor-in-Chief

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.

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