



water

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Water Treatment and Emerging Contaminants

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Message from the Guest Editors

Trace contaminants of emerging concerns (CECs), present in various aquatic ecosystems, are critical issues to water ecology and security. CECs belong to a large variety of chemicals (e.g., pesticides, pharmaceuticals, personal care products (PPCPs), flame retardants, polyfluoroalkyl substances (PFASs), and microplastics), which are typically characterized by their toxicity to humans and the environment. The main sources of CECs include wastewater treatment plants, industries, and hospitals.

Environmental catalysis techniques (including photo-, Fenton-, electro-Fenton, electro-, and photo-electro catalysis) have been widely studied as environmentally friendly methods for the degradation of organic pollutants in water and soil, and are regarded as being a green and effective way of treating wastewater as a result of their low cost, easy operability, and environmental compatibility [...]

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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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