Special Issue

Advanced Technologies for Water/Wastewater Treatment

Message from the Guest Editor

Water and wastewater treatment is one of the primary focuses of any economy. The existing methods of water treatment, such as conventional coagulation, flocculation, sand filters, membrane filtration, etc., are being widely used, but as lifestyle and industrial enterprises are changing, new and emerging contaminants are also becoming prevalent. To tackle this unending load of conventional pollutants and new contaminants such as pesticides, drugs, microplastics, and others, we need new materials and techniques or a combination of techniques. Advanced materials may be new flocculants, coagulants, membranes, metal–organic hybrid materials, hydrogels, or any other material reported to efficiently remove water/wastewater contamination. Advanced technologies may include membrane filtration, coagulation, flocculation, electrocoagulation, desalination, or any other such technique applicable for selective or overall pollutant load reduction from water/wastewater systems. They may also include water filters, recycling, and any process or technology which may be helpful in addressing water/wastewater treatment issues.

Guest Editor

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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.

Editor-in-Chief

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