Special Issue

Science and Technology for Water Purification, 3rd Edition

Message from the Guest Editors

Water resource scarcity and water pollution are stringent problems threatening the entire world. Supply of adequate freshwater is essential to guarantee the welfare of people and the development of the global economy. Continuous research on water and wastewater treatment, as well as byproduct remedy, has promoted the evolution of water purification science and technology, leading to greater accessibility to and affordability of clean water. Emerging technologies are also being studied to further support sustainable water supply. For this Special Issue, research areas may include, but are not limited to, the following topics:

- Physical, chemical, and biological techniques for water purification;
- Wastewater recycling, reuse, and resources;
- The identification, analysis, and remedy of novel pollutants and byproducts;
- Novel materials and reactors for water purification;
- Processing models for water purification or byproducts;
- Construction and management of eco-friendly wastewater engineering.

Keywords: recycling and resource; pollutant removal; byproduct remedy; functional materials; processing models; reactors; wastewater engineering; identification and analysis

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About the Journal

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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