Special Issue

Advanced Technologies for Sustainable Water Treatment

Message from the Guest Editors

In the past century, conventional technologies such as coagulation, sedimentation, and chlorine disinfection have played an important role in water treatment and disposal. However, the world is now facing more challenges in this field as a result of the rapid population growth, the changing environment, and stricter regulation on discharge. This Special Issue of *Water* on "Advanced Technologies for Sustainable Water Treatment" therefore seeks original research and review articles on advanced technologies addressing the center, emerging challenges at the nexus of water, energy, and health. Potential topics include but are not limited to the following:

- Selective removal of (micro-)pollutants for water reclamation, including the design of nano-engineering materials and optimization of integrated processes;
- Novel processes and troubleshooting for brackish water desalination, including the development of energy-efficient systems and sustainable management of the concentrate and waste streams;
- [...]

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/Sustainable_Water_Treatment

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Deadline for manuscript submissions

closed (30 December 2021)

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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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