Special Issue

Green and Low Carbon Development of Water Treatment Technology

Message from the Guest Editors

Effective water treatment technology is the key to water safety and human health. Access to safe drinking water for all people and improved water quality and wastewater management by 2030 are two of the United Nations Sustainable Development Goals (SDG). Green and low-carbon technologies refers to the technologies that achieve satisfactory treatment effect under the condition of low carbon emissions and less pollutants generation. These technologies are considered essential to achieve SDG, so it is needed to follow the recent trends of water treatment technology. In this Special Issue, we seek the interactions between green and low-carbon development and water treatment technology. Topics of this Special Issue we are looking forward to include (but are not limited to):

- New ways of water and wastewater treatment technologies;
- Green and low-carbon development strategies
- Water environment simulation models
- Environmental micro interface reactions.

By focusing on novel results of this topics, this Special Edition will provide a series of studies on water treatment technologies.
https://www.mdpi.com/journal/water/special_issues/Green_Low_Carbon

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Deadline for manuscript submissions

closed (31 August 2023)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/121042

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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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