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## Low-Carbon, Zero-Carbon and Negative-Carbon Wastewater Treatment Technology and Operation Strategies

Guest Editors:

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Deadline for manuscript  
submissions:  
**closed (31 March 2023)**

### Message from the Guest Editors

The problem of water pollution is becoming more serious, and the discharge of domestic sewage, industrial wastewater and farmland wastewater leads to environmental deterioration and even climate change. Therefore, low-carbon, zero-carbon or even negative-carbon wastewater treatment technology and operation strategies have been proposed all over the world in order to ensure an early carbon peak and achieve carbon neutrality. This Special Issue aims to collect environmental governance technologies that conform to the carbon neutrality concept; establish scientific and reasonable engineering operation strategies; and obtain modular, automated and intelligent engineering equipment through technological research and development, innovation and integration. The papers included in the Special Issue will lay the foundation for the improvement of the water ecosystem, the optimal allocation of energy, the recycling and utilization of resources and even the comprehensive management of environmental pollution.



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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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