Special Issue

Green Low-Carbon Wastewater Treatment of Algae-Bacteria Consortia

Message from the Guest Editors

To mitigate climate change and achieve the carbon emission reductions set by the Paris Agreement, the low-carbon wastewater treatment process should be the future direction of water pollution control development. Due to the characteristics of algae and bacteria in terms of low energy consumption, high contaminants removal and carbon emission reduction, algae-bacteria consortia treatment is a promising green method for the treatment of wastewater and remediation of aqueous systems. However, several challenges need to be addressed to further promote the development of algae and bacteria consortia treatment technology. Therefore, this Special Issue of *Water* on the 'Green Low-Carbon Wastewater Treatment of Algae–Bacteria Consortia' welcomes original research and review manuscripts that focus on the algae–bacteria consortia treatment. Research may include, but is not limited to, the following areas of interest:

- Screening of dominant functional algae and bacteria;

[...]

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/8P29SJB2XN

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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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