

Special Issue

Recent Advances in Wastewater Treatment Technology to Achieve Low Carbonization

Message from the Guest Editors

Population growth, urbanization, water scarcity, and climate change require a rethink of wastewater management, reducing energy consumption at wastewater treatment plants (WWTPs) while simultaneously improving the production of renewable energy within the facilities in order to achieve the carbon neutrality. Consequently, there is an immediate necessity for low-carbon sewage treatment technologies that focus on energy efficiency, reduced energy consumption, and the reuse of treated water resources.

This Special Issue on “Recent Advances in Wastewater Treatment Technology to Achieve Low Carbonization” seeks high-quality papers focusing on innovative and competitive municipal, agricultural, and industrial wastewater treatment technologies. Topics include, but are not limited to, the following:

- Low-carbon design and operation of wastewater treatment plants;
- Renewable energy in wastewater treatment systems;
- Evaluation of energy efficiency in wastewater treatment facilities;
- Carbon-neutral technologies in urban sewage treatment plants;
- Circular economy in wastewater treatment plants.

Guest Editors

Dr. José de Anda

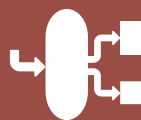
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