



Cutting-Edge Technologies for Wastewater Management and Environmental Protection

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Message from the Guest Editors

Dear Colleagues,

The Special Issue aims to focus on the emerging treatment modes applied to wastewater treatment and water reclamation, and recovery of energy and value-added products. Research areas may include but not limited to:

- Natural wastewater treatment systems;
- Water reclamation, recycling, and reuse;
- Advanced water reclamation and reuse technologies;
- Membrane technology for wastewater treatment: water reuse and resource recovery;
- Anaerobic wastewater treatment for energy and water recovery;
- Energy self-sufficiency in wastewater treatment plants;
- Microbial fuel cells in energy and resources recovery from wastewater treatment;
- Algal treatment of wastewater for resources recovery;
- Nitrogen and phosphorus recovery;
- Wastewater to biogas recovery;
- Circular city concept for future wastewater treatment biorefineries;
- Wastewater to r3—resource recovery, recycling, and reuse efficiency in urban wastewater treatment plants;
- Energy and resources recovery from wastewater treatment systems;
- Sludge to energy and value-added products



- Advanced pre-treatment technologies for biosolids (sludge) treatment.



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Message from the Editor-in-Chief

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