



## Methods for Sustainable Wastewater Treatment and Resource Recovery

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

Substantial efforts are increasingly made by academia, practicing engineers, and the wastewater industry towards sustainable wastewater treatment and recovery of resources from liquid waste streams. The paradigm shift from energy-intensive, pricy wastewater treatment towards energy-efficient, energy-positive, and ecosystem-based treatment, as well as resource recovery, has been achieved through a variety of creative methods and unit processes, innovative design and operation, and elucidation of treatment processes and kinetics. To promote industrial adoption of practical solutions and tackle grand challenges for sustainable wastewater treatment and resource recovery, this Special Issue encourages researchers's contribution. Topics include, but are not limited to the following subareas:

- Recovery of energy, nutrients, bio-based products, and clean water from liquid and solid waste streams related to wastewater treatment systems
- Energy-efficient and natural wastewater treatment
- Analysis and optimization of sustainable treatment processes using advanced analytical technologies and data mining approaches
- Sustainability Analysis of methods and systems





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