



Energy Recovery in Water and Wastewater Treatment

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Message from the Guest Editor

The Special Issue coverage includes, but is not limited to, the following research topics:

- Energy (methane, hydrogen, biofuel, electricity, etc.) and resource recovery (nutrients, heavy metals, biochar, etc.) from wastewater through biological, physico-chemical, electrochemical, bio-electrochemical, and thermal-based methodologies
- Advanced oxidation processes for wastewater treatment
- Bioelectrochemical systems such as Microbial fuel cell and microbial electrolysis cell technologies for simultaneous production of electricity and treatment of wastewater
- Methane recovery from wastewater treatment (anaerobic digestion of wastewater and wastewater sludge)
- Biohydrogen and biofuel production from wastewater
- Hydrogen production from water and wastewater through chemical, photochemical, electrochemical techniques
- Thermochemical conversion of wastewater sludge (Pyrolysis, gasification, hydrothermal liquefaction, supercritical methods) for bio-oil and biochar recovery
- Membrane-based treatment processes





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Message from the Editor-in-Chief

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