



Sustainable Advanced Water Treatment Technologies

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Deadline for manuscript submissions:

closed (1 March 2023)

Message from the Guest Editors

Dear Colleagues,

Water is a fundamental need for all forms of life. The shortage of freshwater sources and increasing pollution due to industrial activities have exacerbated the situation. By 2025, half of the world's population would be living in water-stressed areas. The development of efficient wastewater treatment processes is a collective responsibility of the scientific community in the field.

Advanced wastewater treatment technologies that can produce high-quality treated effluents have become a research hotspot in recent years. These technologies include membrane-based separation technologies, bioelectrochemical systems, and nanomaterials for adsorption and degradation through advanced oxidations process (AOPs), etc. Despite significant performance achievements, non-sustainable chemical precursors have practically limited scale-up applications of highly effective water treatment technologies.

We have established this Special Issue to call for papers addressing recent developments in sustainable advanced wastewater treatment technologies for water reclamation and resource recovery. Studies related to this field are warmly welcomed to submit to this special issue.





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Message from the Editor-in-Chief

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