

Special Issue

Waste Valorization: Challenges, Approaches and Technologies to Recycle Wastewater

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not limited to, the following topics:

- Understanding the negative impact associated with untreated industry wastewater and how to minimize environmental risks.
 - Obtain an overview of the importance of industrial wastewater management and the challenges inherent to this type of wastewater.
 - Best practices for water reuse which are applicable in various geographical zones, with a particular focus on solutions tailored to emerging economies.
 - Identification and profiling of pollutants from waste.
 - Novel technologies for resource recovery from waste.
 - Application of membrane technology in waste treatment process.
 - Waste management and its application to achieve a circular economy.
 - Profiling of the microbial community during bioremediation of waste management.
 - Mechanism of phytoremediation for waste detoxification.
 - Application of life cycle assessment (LCA) in solid waste management.
 - Role of microorganisms in solid waste management.
- I/We look forward to receiving your contributions.

Guest Editors

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Prof. Dr. Kumarasamy Murugesan

Deadline for manuscript submissions

closed (31 January 2023)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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