

Special Issue

Advancing Sustainable Development: Innovations in Solid Waste and Wastewater Treatment for Environmental Protection

Message from the Guest Editors

This Special Issue examines the challenges and opportunities presented by the innovative materials and technologies designed for wastewater treatment and resource recovery. Its primary focus is the development of groundbreaking, eco-friendly solutions and intelligent process designs that sustainably remove emerging pollutants from wastewater. Furthermore, this Special Issue explores the integration of artificial intelligence in wastewater treatment, utilizing advanced analytics and bibliometric visualization to reveal trends and insights in this rapidly advancing field. Additionally, this Special Issue assesses the feasibility of strengthening innovative technologies for full-scale applications, emphasizing the importance of a circular economy framework in promoting sustainable growth and environmental stewardship.

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