

Special Issue

Waste Management and Environmental Protection

Message from the Guest Editors

We welcome original research articles and reviews in, but not limited to, the following areas: waste prevention reduction and reuse strategies; material recovery and recycling from municipal and industrial waste, including WEEE batteries and plastics; recovery of metals and critical raw materials from secondary resources such as spent catalysts and mine tailings; hydrometallurgical, electrochemical, pyrometallurgical, biological, and mechanochemical approaches for resource recovery; advanced sorting separation and pre-treatment technologies and sensors; treatment and valorization of wastewater sludge and organic residues, including biogas and composting; process intensification scale up and pilot plant studies; life cycle assessment, environmental impact assessment, and techno-economic analysis; policy, regulatory, and social aspects of waste management and circular economy implementation; and case studies and field data that demonstrate the applicability and transferability of methods.

Guest Editors

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Editor-in-Chief

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