

Special Issue

Assessment and Analysis of Waste Treatment and Environmental Management

Message from the Guest Editors

Due to its potentially large impact on the environment, the waste management sector is an important element of the environmental management system. This special issue is devoted to the assessment and analysis of various waste treatment methods and entire waste management systems with a particular focus on the environmental impacts. Topics of interest for publication include, but are not limited to: Waste management system and environmental management; Optimization of operation of waste treatment facilities; Control method for waste treatment installation; Assessment of cumulative energy demand in waste processing; Waste recycling and recovery technologies; Raw materials processing; Waste-to-energy treatment technologies; Production and use of waste-derived fuels; Waste co-processing technologies and their benefits; Self-ignition of landfills, fires or open burning of waste; Pollutant emission factors and environmental risk assessment; Environmental impact or life cycle assessment for waste treatment processes and systems; Environmental pollution caused by waste management facilities; Environmental pollution caused by improper waste management.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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