

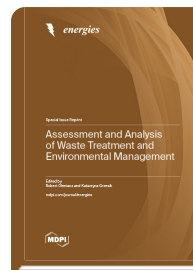
*Special Issue Reprint*

## **Assessment and Analysis of Waste Treatment and Environmental Management**

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Edited by  
Robert Oleniacz  
Katarzyna Grzesik

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The reprint includes articles originally published in the journal *Energies* as part of the Special Issue entitled "Assessment and Analysis of Waste Treatment and Environmental Management." It comprises one editorial and eleven high-quality papers addressing diverse aspects of waste management and environmental protection. The topics covered range from the application of strategic environmental assessment to the development of national waste management programs to multi-criteria decision analysis for chloride removal in street-washing and cleaning processes. This Special Issue also examines the concept of synoptic risk assessment for landfills and their impacts on groundwater, as well as the use of hydrogeochemical modeling to address challenges related to near-well zone colmatation in wastewater reuse following hydrocarbon extraction. Additional studies investigate the biological drying of municipal solid waste, the composting of sewage sludge, wastewater treatment and reuse in fish aquaculture, and the properties of fly ash from waste incineration and coal combustion, with a focus on innovative management strategies. These studies collectively contribute to the advancement of the circular economy and the zero-waste vision, aiming to eliminate waste and environmental pollution while preserving value in the form of energy, labor, and materials, thereby conserving non-renewable raw materials.

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