

Special Issue

Solid Waste Management and Sustainable Environmental Remediation

Message from the Guest Editors

Solid waste generation is inevitable with human activities, and harmless methods for recycling materials or energy should be developed for solid waste treatment. Thus, the process mechanism of recycling valuable products from solid waste must be further explored. Additionally, the waste–waste disposal collaboration enables a practical cost for recycling. Therefore, the co-disposal method of solid waste should be further developed in relation to recycling valuable resources. To date, considerable research has been conducted regarding co-disposal, including municipal, metallurgical, mining, and agro-forestry solid waste. The transport and transformation behavior of pollutants in solid waste has been addressed, ecological and human health risk assessments have been performed, and the recycling process mechanism has been explored. Therefore, this Special Issue focuses on the co-processing of solid waste and its conversion into valuable products using cost-saving methods. As such, the performance of the resulting products was optimal and enhanced, and pollutants have been explored in order to determine their transport and transform mechanisms.

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