Special Issue

Advances in Solid Waste Treatment and Recycling

Message from the Guest Editors

This Special Issue explores the critical themes of solid waste treatment and resourceization, waste management, urban mining, circular economy, and the concept of zero-waste cities. As urban populations grow, effective waste management becomes increasingly vital for sustainable development. This issue delves into innovative strategies for solid waste treatment that not only mitigate environmental impacts but also promote resource recovery. Urban mining, the process of reclaiming raw materials from urban waste, is highlighted as a key method for fostering a circular economy. The transition to a zero-waste city model is examined, showcasing best practices and policies that can lead to sustainable urban living. Through interdisciplinary research and case studies, this issue aims to provide insights into how cities can transform waste into valuable resources, ultimately contributing to a more sustainable future.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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