

Special Issue

Sustainable Waste Management Problems in Urban and Industrial Metropolitan Areas

Message from the Guest Editors

In recent decades, solid waste handling schemes have been developed, and advanced systems have been implemented for recovery and reuse of material. “The zero waste concept” is used for modern disputes in waste management when the challenge is to reduce the amount of waste created and to elaborate recycling efficiency. The future, however, must provide the “beyond zero waste concept”, where we diminish waste streams by turning them to secondary raw material streams as well as landfills, considered a “bank account” for future efficient circular economy perspectives. Sustainability, first of all, should be achieved in targeted policies, effectively introduced in applied waste management schemes, and waste streams from industries and large metropolises turned to recycling material. On the other hand, old closed landfills should be looked into as secondary resource material for the future. The purpose of our special issue is to pinpoint problems with sustainable waste management in terms of policies, technologies, and their implementation in practice, resource recovery and reuse potential of secondary materials from various business streams.

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