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New Challenges in Waste Treatment

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Message from the Guest Editor

Waste treatment is one of the most fundamental and important components of cities' infrastructure. To establish sustainable cities, it is essential to smoothly collect the waste disposed from homes, factories, offices, etc., and to properly treat it, including recycling in an environmentally friendly manner. The United Nations Sustainable Development Goals have also set targets for reducing food loss (Goal 12) and marine debris (Goal 14) as goals regarding waste treatment. To achieve the goals, new technologies and knowledge for waste treatment plays a vital role. Recently, technological innovations in the waste treatment field have included automation and labor-saving using Internet of Things technologies. On the other hand, the COVID-19 pandemic may give us a transition of traditional waste management around the world. In addition, it is necessary to propose an ambitious waste treatment method that focuses on the post-COVID-19 context. This Special Issue entitled "New Challenges in Waste Treatment" aims to provide the latest insights into novel waste treatment technologies and waste management methods that contribute to establishing a sustainable society.



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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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