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Advances in Waste Treatment and Resource Utilization

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims at collecting significant and recent studies dealing with all aspects of waste treatment, resource utilization, and nutrient recovery. Original scientific papers, as well as reviews and short reviews, are welcomed. Ground-breaking research and new ideas are mostly encouraged, as well as novel experimental and technological solutions that could improve existing processes for waste treatment, such as bioremediation. Some of the topics are listed below, but other highly innovative papers dealing with those not listed are also most welcomed:

- Advanced biofuel production;
- Advanced bioremediation technologies;
- Advanced treatment of waste and wastewater;
- Agricultural biomass and energy crops for biofuel production;
- Agricultural waste utilization;
- Biomass conversion processes;
- Energy conversion;
- Heavy metals recovery;
- Phosphorus recovery;
- Recovered nutrients application;
- Resource utilization of municipal solid waste and wastewater sludge incineration;
- Waste reuse, recycling, and recovery;
- Wastewater sludge management.



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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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