

Special Issue

Wastewater Treatment and Waste Remediation: Recent Advances

Message from the Guest Editors

In recent years, rapid population growth and industrialization have increased the use of natural resources and the production of wastes. Intense pollution of the environment has led to the development and application of many biological as well as physicochemical technologies for wastewater treatment and waste management. Moreover, the increased care for environmental protection and strict legislation, as well as circular economy implementation has led to the consideration of novel treatment technologies, recycling and reuse alternatives, and disposal control strategies for wastewater and waste. The application of mathematical models capable of describing the processes considered in treatment/managements schemes comprise effective tools for the prediction and design of full-scale applications for wastewater and waste treatment.

- wastewater treatment;
- solid waste treatment;
- energy and resources recovery;
- bioenergy production;
- sewage sludge management;
- mathematical modeling;
- biological processes;
- physicochemical processes;
- bioelectrochemical systems;

Guest Editors

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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.

Editor-in-Chief

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