



## Wastewater Treatment and Waste Remediation: Recent Advances

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Deadline for manuscript submissions:

**closed (30 April 2021)**

### 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;





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## Message from the Editor-in-Chief

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