Special Issue

Contemporary Rubbish and Wastewater Treatment: Advanced Materials, Methods and Technologies

Message from the Guest Editor

New technological and scientific challenges confronting teams of scientists and engineers in many areas of waste management, water and sewage management, circular economy and power generation based on renewable sources, as well as priority actions dedicated to counteraction and adaptation to climate change, enforce the search for innovative solutions in the field of AI, machine learning, and deep learning, which support the strategic decision-making process faced in the economy. This Special Issue (SI) provides an international forum for the publication of work describing the practical applications of advanced technologies for the processing and energy use of waste and sewage sludge. The submitted papers should report some novel aspects of advanced methods and technologies (i.e., artificial intelligence) used for real-world engineering applications and original research contributions.

Keywords:

- waste management
- sewage system
- wastewater treatment plant
- adaptation to climate change
- circular economy
- artificial intelligence
- water treatment plant

Guest Editor

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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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