

# Special Issue

## Bioenergy from Wastewater

### Message from the Guest Editors

This Special Issue aims to gather the latest insightful, cutting-edge research that is focused on developing new technologies and strategies to promote the optimisation of the energy balance in wastewater treatment. Topics of interest for publication include the following:

- Innovative technologies to improve the efficiency of biological processes while optimising the energy requirements;
- Enhanced on-line and off-line condition monitoring techniques and approaches;
- Advanced modelling;
- Integrated process design, scale-up and full-scale case studies;
- Sludge valorisation through thermo-chemical and biological processes;
- New insights into the anaerobic digestion process;
- Sludge and wastewater pre-treatment for increased bioenergy generation;
- Energy and economic challenges in waste-to-energy and bioenergy systems.

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### Guest Editors

Dr. Alessandra Cesaro

Dr. Nicola Di Costanzo

Dr. Anna Lanzetta

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### Deadline for manuscript submissions

5 November 2025



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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