Special Issue

Wastewater Treatment and Energy Conversion

Message from the Guest Editor

Ensuring a sustainable and secure water supply remains one of the most pressing global challenges of the 21st century. As the demand for seawater desalination, wastewater reclamation, and urban water supply continues to rise, integrating wastewater treatment with energy conversion has emerged as a key strategy in sustainable environmental engineering. This approach not only enhances water security but also contributes to global energy sustainability. The forthcoming Special Issue, **"Wastewater Treatment and Energy Conversion"**, in ***Energies*** aims to explore cutting-edge technologies, system-level innovations, and policy frameworks that transform wastewater treatment infrastructure into dynamic energy–water nexus hubs. By bridging environmental engineering and energy science, this Special Issue will provide academically rigorous, practical, and impactful insights, fostering the development of resilient, low-carbon urban water systems.

Guest Editor

Prof. Dr. Jinfeng Lu
College of Environmental Science and Engineering, Nankai University, Tianjin 300350, China

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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