

## Special Issue

# Sustainable Energy Management: New Development Horizons

### Message from the Guest Editors

This Special Issue, entitled “Sustainable Energy Management: New Development Horizons”, aims to explore the future landscape of energy and its sustainable management. As the global energy demand grows, the main challenge is to achieve a sustainable and universally accepted transition from fossil energy to renewable energy or find a sustainable balance using both approaches despite existing inherent challenges and limitations. This Special Issue seeks to highlight the emerging horizons in sustainable energy, focusing on advancements in alternative energy sources, the optimization of energy usage, and the integration of digital, self-learning technologies in energy management systems. Topics of interest include the development of renewable energy technologies, innovations in energy storage and conversion, the role of smart grids and microgrids, and the application of artificial intelligence in the design of energy systems. This Special Issue aims to provide a platform for cutting-edge research and forward-thinking ideas that will shape the future of sustainable energy management.

### Guest Editors

Prof. Dr. Henryk Dźwigoł

Prof. Dr. Aleksy Kwilinski

Prof. Dr. Rafis Abazov

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### Deadline for manuscript submissions

closed (19 December 2024)



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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

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