

Special Issue

Energy Optimization and Waste Heat Recovery in Sustainable Industrial Process

Message from the Guest Editors

We are pleased to invite you to contribute to the Special Issue *“Energy Optimization and Waste Heat Recovery in Sustainable Industrial Processes.”* As global energy demand rises and environmental concerns intensify, improving energy efficiency and resource utilization is more vital than ever. Research in this area is essential to advance sustainability and decarbonization in industry. This Special Issue aims to collect original contributions addressing challenges and opportunities in energy optimization and waste heat recovery, in line with the journal’s focus on energy efficiency, sustainability, and industrial innovation. If at least 10 high-quality articles are received, the issue may also be published in book form. We welcome both original research and review papers. Relevant areas include (but are not limited to):

- Strategies and technologies for industrial energy optimization
- Waste heat recovery systems and methods
- Modeling, simulation, and analysis of efficiency
- Integration of renewables in industry
- Environmental/economic assessments of solutions
- Thermal energy storage and management
- Case studies and applications

Guest Editors

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Dr. Guillermo Laine-Cuervo

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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