

Special Issue

Renewable Energy and Utility System Optimization for Sustainable Industries

Message from the Guest Editors

The integration of new renewable energy systems and utility system optimization are two ways of improving the sustainable performance of industrial processes. The environmental and economic sustainability of industries greatly depends on the source and use of energy and the optimization of the multiple utilities. This Special Issue invites novel contributions and comprehensive reviews covering all aspects of sustainable industries; focused but not limited to the following:

- Bioenergy in industry
- Energy optimization
- Waste heat recovery
- Decarbonization
- Pinch analysis
- Machine learning for system optimization
- System reliability, availability, and maintainability (RAM) analysis
- System optimization and scheduling

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2025)



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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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