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Renewable Energy and Utility System Optimization for Sustainable Industries

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Deadline for manuscript submissions:
closed (29 February 2024)

Message from the Guest Editors

Dear Colleagues,

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

Dr. Cristina Rodriguez
Dr. Li Sun
Guest Editors

mdpi.com/si/59960

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Message from the Editor-in-Chief

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