Special Issue

New Technologies for Waste Heat Recovery

Message from the Guest Editors

A large amount of heat waste is produced from industries due to fossil fuels consumption. Discharging waste heat directly into the environment can result in energy and pollution problems. Waste heat recovery (WHR) is an effective and cost-effective technology used to convert the efficiency of all types of energy and eliminate the adverse impacts of waste heat emission.

This Special Issue aims to introduce technologies with high efficiency and low emission and cost. Totics include but are not limited to:

- New, innovative WHR technologies and corresponding principles;
- On-design, off-design performance investigations and optimization of the WHR technologies in different fields, including industry and life occasions, such as building, power generation, desalination, etc.;
- Environmental and economical evaluation of WHR technologies;
- New application schemes of WHR technologies;
- Energy conversion and heat and mass transfer in WHR technologies;
- Design and optimization of the core devices in WHR applications;
- Evaluating and improving the reliability and resiliency of WHR technologies;
- Control strategy and algorithm for WHR technologies.

Guest Editors

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Deadline for manuscript submissions

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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. *Sustainability* publishes original research articles, review 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

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