

Special Issue

Applications and New Technologies of Waste Heat Recovery

Message from the Guest Editors

The industrial sector and its processes are responsible for almost 26% of European primary energy consumption, where high energy losses are recorded in the form of waste heat at various temperatures. These waste heat streams can be exploited for different applications with conventional and innovative technologies. Authors are invited to submit articles on the exploitation and application of waste heat recovery (WHR) that may include, but are not limited to, direct and indirect waste heat streams for waste heat to useful heat, waste heat to power, and waste heat to storage concepts. Authors can contribute, but are not limited, to the WHR model with technologies/units (e.g., plate heat exchangers, economizers, ORC, Kalina cycle, waste heat boilers, heat pumps, heat pipes, heat recovery steam generators), control and optimization of WHR, emerging technologies' evaluation, WHR system integration potential, WHR barriers, and/or economic potential (with technoeconomic and thermoeconomic analyses). Both experimental and theoretical as well as review studies are welcome to be submitted.

Guest Editors

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Deadline for manuscript submissions

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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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