Special Issue

Heat Transfer and Heat Recovery Systems

Message from the Guest Editors

Heat transfer can be found in all processes of modern engineering applications. From this point of view, it has a fundamental role in the efficiency improvement of energy conversion systems. Furthermore, reducing energy consumption by heat recovery is considered to be the main route towards sustainable energy management. Recovering waste heat can be performed through many technologies within a wide range of applications. This Special Issue aims to present recent advances in heat transfer technology and heat recovery systems for sustainable development. While much effort is devoted to heat recovery systems, there is a constant need to innovate and highlight solutions to be implemented in this very broad field. Manuscripts are invited which cover the topics of heat exchangers, HVAC systems, wastewater heat recovery, hybrid photovoltaic/thermal collector (PV/T), and industrial waste heat recovery. Both experimental and theoretical research studies are welcome for submission. However, topics of interest are not limited to the aforementioned ones.

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Deadline for manuscript submissions

closed (31 March 2022)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/54467

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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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