

Special Issue

Application of Heat Recovery Systems in Energy

Message from the Guest Editors

Heat recovery is one of the major issues for the sustainable energy industry and a wide range of technologies are now available to recover lost heat in various heavy, energy-intensive factories and plants, from chemical industries to power plants and food manufacturing plants, etc. The amount of energy that is lost through emissions can be greatly reduced by the use of heat recovery systems. In this regard, exploring the application of heat recovery system in different energy industries seems critical to building a carbon-neutral society. Thus this Special Issue (SI) focuses on the analysis, modelling, design, optimization, and management of the heat recovery systems and their applications in various energy industries. Manuscripts on related topics, such as energy conservation, energy conversion, energy efficiency improvement, exergy analysis, and on economic and policy issues, are also welcome in this Special Issue to offer insight to the future readers into the current state of this wide topic.

Keywords

- heat recovery systems
- heat integration
- energy systems
- energy conversion
- energy management
- energy conservation
- waste heat

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