

Special Issue

Fluid Flow, Heat Transfer, and Mass Transport Analysis for the Optimization of Sustainable Energy Systems

Message from the Guest Editor

This Special Issue focuses on novel research involving analytical, experimental, and numerical investigations on the fundamental understanding of fluid flow, heat transfer, and mass transport phenomena and their contribution to efficiency optimization of a wide range of applications, such as energy generation, conversion, storage and utilization, automotive engineering, space heating and cooling, thermal management of power electronics, fuel cells, and batteries. Studies relevant to novel thermal fluids, materials, and processes to optimize system energy efficiency also fall within the scope of this Special Issue and are encouraged to be submitted.

Guest Editor

Dr. Tehmina Ambreen

School of Physics, Engineering and Computer Science, University of Hertfordshire, Hatfield AL10 9AB, UK

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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