

Special Issue

Applied Solar Thermal Energy

Message from the Guest Editors

This Special Issue is dedicated to solar thermal energy technologies, and we invite research scholars to submit their outstanding original research contributions in this area. The Special Issue will cover, but is not limited to, the advancements in (1) the field of materials in improving the electrical power efficiency of solar thermal collectors and hybridization with photovoltaic (PV) modules; (2) the design and development of concentrated solar power (CSP) systems to improve thermal energy efficiency that will, subsequently, improve electrical power efficiency; and (3) waste heat energy storage and phase change material (PCM) with vacuum insulation and hybridization of transparent PVs. In recent years, photovoltaic–thermal hybrid technologies have been popular, but there are significant challenges in having a clear view on their conversion efficiencies, stability, and limitations; authors are therefore also encouraged to submit their validated original research findings in this area.

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Deadline for manuscript submissions

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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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