



Applied Solar Thermal Energy

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Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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