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# Solar Energy Storage Using Phase Change Materials and Its Role in Sustainable Development

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Deadline for manuscript submissions:

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## **Message from the Guest Editors**

Dear Colleagues,

Solar energy powered by thermal energy storage plays a vital role in sustainable development. Energy received from solar radiation are of high quantity, which easily meets the energy requirement of global human needs. The solar thermal system has a major uphill climb to grasp popularity among the people due to their low efficiency, high investment, and intermittent nature of solar power. Here, we would substantially focus on energy storage using thermal batteries also known as phase change materials (PCMs) to support sustainable development via heat mitigation. Nevertheless, the advanced techniques in enhancing the performance of solar energy systems, are of major interest as well.

The purpose of this Special Issue is to promote sustainable development via phase change materials and to provide relevant opportunity for scholars, energy economist and scientist to share their knowledge on the perspective of sustainable development across the world with focus of solar energy, solar energy systems, phase change materials, thermal energy storage techniques, and advances energy policies adopted worldwide.









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# **Message from the Editor-in-Chief**

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