

Topical Collection

Solar Energy Utilization and Sustainable Development

Message from the Collection Editors

As we know, implementation of renewable energy is of crucial importance to achieve sustainable development. Of all the clean energy, solar energy is the most mature technology and the most widely used due to its low production and installation costs. Although achievements made, progress is still needed on how to apply solar energy to manage the environmental and societal challenges ahead, including efficiency, solar equipment recycling, and the storage of surplus energy produced. As to recycling, the environmental impact of solar equipment is a widely studied topic. The data used in the Life Cycle Analysis (LCA) methodology cover all relevant process steps/technologies during the life cycle. From an LCA perspective, recycled materials are considered at the end of their life cycle, which also includes waste disposal. The aim of this Special Issue is to present and compile the latest developments in the utilization of solar energy systems, which involves the technological innovations, applications and developments, as well as energy policies and new factors for the management of solar power systems. You can find more details in the following link. mdpi.com/si/120811

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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