



Utilization of Solar Energy in Smart Buildings

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Message from the Guest Editors

Energy consumption in buildings accounts for a large proportion of the global total energy consumption. To achieve building energy saving and indoor comfort improvement simultaneously, renewable energy in buildings should be reasonably promoted.

Solar photovoltaic and solar thermal technologies have been rapidly promoted in recent years to achieve carbon neutrality. In addition to renewable energy, smart building can intelligently predict, control, diagnose and adjust energy systems to achieve high reliability and energy efficiency. Intelligently utilizing solar energy and other renewable energies in buildings can significantly contribute to energy conservation and CO₂ emission reduction towards a sustainable society.

This Special Issue focuses on recent research on the Utilization of Solar Energy in Smart Buildings for *Sustainability* and aims to provide an international forum for the latest original advances in the related fields (including but not limited to solar energy, renewable energy systems, smart buildings and green construction).





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Message from the Editor-in-Chief

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