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Application of Solar Technologies for Energy Performance in Built Environment

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Message from the Guest Editors

This Special Issue focuses on solar energy conversion systems that can be implemented in the built environment at the building or the community level. In the quest for developing a sustainable built environment, there is a need for specific solutions to provide clean energy based on renewable sources, and solar energy is considered one of the cleanest available energy sources on Earth.<false,>The exploitation of solar energy in the built environment can significantly contribute to reducing dependency on fossil fuels. Therefore, promoting innovative solar applications will contribute to preserving the ecosystem by reducing emissions at local and global levels. This will also contribute to the amelioration of environmental conditions, through a reduction in air pollution and greenhouse gases, by the replacement of conventional fuels with solar energy.<false,>The issue will be also focused on reducing building energy consumption and the choice of the best-performing solar energy technology for heating, cooling, ventilation, and hot water supply.

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Message from the Editor-in-Chief

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