

Special Issue

Building-Integrated Photovoltaics/Luminescent Solar Concentrators

Message from the Guest Editors

Renewable and sustainable energy generation technologies are at the forefront due to concerns about the environment, energy independence and the high costs of fossil fuels. Building integrated photovoltaic construction can be a powerful and versatile tool to meet the growing demand for zero energy and zero emission buildings of the near future. In this solution, photovoltaic materials that are used to replace conventional building materials in parts of the building envelope such as roof, skylight or facades, providing functional considerations and offering an aesthetic, economical and technical solution for integrating solar cells. In this framework, this Special Issue addresses possible research opportunities and pathways for the “Building-Integrated Photovoltaics” of tomorrow.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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