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.

Guest Editors

Dr. Paulo Sérgio de Brito André

Department of Electrical and Computer Engineering and Instituto de Telecomunicações, Instituto Superior Técnico, University of Lisbon, 1049-001 Lisbon, Portugal

Prof. Dr. Rute A. S. Ferreira

Physics Department, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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