

Special Issue

Advanced Sensing Technologies in Photovoltaic Systems

Message from the Guest Editor

In recent years, the fast evolution of renewable energies and, particularly, of the solar photovoltaic (PV) technology has led to a proliferation of PV installations throughout the world, mainly due to their successful interconnection to the grid, its competitive price, and its efficiency improvement. PV generation systems present challenges but also offer new opportunities related to their electronic components and their applications. The field of PV sensors and their applications requires monitoring processes in real time and in any location, possibly at a low cost. The application of Internet of Things (IoT) can promote the use of this type of sensors. The greatest challenge is to develop PV sensors with enhanced performance so to enable their widespread penetration. The scope of this Special Issue is to highlight recent advances in materials for sensors, as well as in concepts, development, testing, and modeling of sensors based on or applied to photovoltaics. For more information, please click: mdpi.com/si/80011

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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