

Special Issue

Photovoltaics Generators and Sensors

Message from the Guest Editor

Since 1950's there have been very substantial development of semiconductor photovoltaic (PV) sensors and generators. Germanium was the main PV material at the beginning of semiconductor era. But very soon at late 50' silicone become main base material for both photovoltaic sensors and generators. Recently, more than 60 years later, silicone is still main material in PV sensors and generators although wide range of other semiconductor material, like e.g. GaAs, InP..... is available now. Photovoltaic generators have been frequently used as light sensors and sun sensors. Recently annual production of photovoltaics reached 170GW with long term annual growth about 12%.

Guest Editor

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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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