

Special Issue

Photovoltaic Sensors for Wastewater Treatment

Message from the Guest Editor

The fast evolution of renewable energies, particularly solar photovoltaic (PV) technology, has led to a proliferation of PV installations worldwide. PV generation systems face challenges and new opportunities in their electronic components and applications. On the other hand, sustainable potable water production is one of the United Nations' sustainable development goals.

Research is looking for alternative solutions to enhance the environmental sustainability of wastewater treatment. These facilities, with many chemical and physical parameters, are challenging to monitor and improve their performance. The field of PV sensors and their applications needs real-time monitoring processes that can be used in any location at low cost if possible.

The application of the Internet of Things (IoT) can promote the use of this type of sensor. The grand challenge is developing PV sensors with the higher performance required to enable widespread penetration. The scope of the Special Issue highlights advances in materials, properties, device concepts, development, testing, and modeling of sensors based on or applied to photovoltaics for **wastewater treatment**.

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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