

Special Issue

The Recent Advances in Sustainable Solar Photovoltaic Energy Technology

Message from the Guest Editor

Photovoltaics appears to be one of the most rapidly developing branches of renewable energy technology (RES). This progress translates into increased efficiency of photovoltaic solutions and, consequently, a growing demand for this technology. The design of photovoltaic systems is constantly being improved, encompassing photovoltaic cells, modules, pulsed electrical energy conversion systems, and energy storage systems. These advancements necessitate the development of new models to describe the properties of photovoltaic systems and their components. The objective of this Special Issue is to identify new trends, research, and simulation results in the field of modern photovoltaic system solutions and their components. Furthermore, the topics covered in this Special Issue may be expanded to explore the impact of various factors on the efficiency of photovoltaic systems and their components.

Guest Editor

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