

Special Issue

Advances in Solar Energy Towards Efficient and Sustainable Systems

Message from the Guest Editors

Solar power has many purposes, mainly electricity generation, air conditioning and water heating, but also other uses such as cooking, food drying, water desalination or for agricultural purposes. Additionally, at household levels, solar power allows improving energy efficiency and waste management, which in turn contributes to reducing the environmental impact. Research and development of solar power systems guarantees a more sustainable future, which motivates a nexus between energy, environment, and society. It is obvious that the development of today's society implies an increase in energy demand, so current and future research efforts must be directed at finding a sustainable way to address it. The aim of this Special Issue is to provide an overview of the most advanced scientific contributions in the framework of sustainability and efficiency of solar power systems. This topic involves the study and/or development of models, methods, approaches, technological innovations, applications, market developments, energy policies, as well as new factors for the management of solar power systems.

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