

Special Issue

Advances into Solar Energy Technologies and Applications

Message from the Guest Editors

The development of innovative technologies in the field of solar energy has significantly transformed the global energy landscape, driving sustainable solutions to mitigate climate change and ensure access to clean energy. This Special Issue of Applied Sciences aims to bring together original research articles and critical reviews that explore recent progress in materials, devices, systems, and methodologies for solar energy generation, storage, and management. We encourage the submission of works addressing innovations in photovoltaic cells, solar thermal collectors, hybrid applications, smart grid integration, and energy efficiency strategies. Interdisciplinary research combining engineering, materials science, computational modeling, energy policy, and techno-economic feasibility studies will also be highly valued. This Special Issue seeks to foster academic and technological dialogue that connects cutting-edge research with practical applications, contributing to the acceleration of the transition toward a cleaner, more resilient, and sustainable energy system.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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