

Special Issue

Advanced Study of Solar Cells and Energy Sustainability

Message from the Guest Editors

Sustainability can announce a multidisciplinary Special Issue on "Advanced Study of Solar Cells and Energy Sustainability". We invite researchers, engineers, policymakers, and industry professionals to contribute their latest findings on cutting-edge solar energy technologies, focusing on organic–inorganic hybrid photovoltaics, advanced functional materials, interfacial engineering, stability enhancement, physical mechanism, and applications in building-integrated photovoltaics (BIPVs), agrivoltaics, indoor internet of things, etc. Over the past decades, the urgent need to combat climate change has driven rapid advancements in solar energy technologies. However, challenges such as material efficiency, long-term stability, scalability, and integration with existing infrastructure remain critical barriers to widespread adoption. This Special Issue will address these challenges by fostering innovative research on next-generation photovoltaic materials and systems, while emphasizing sustainability across their lifecycle.

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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