

Special Issue

Emerging Technologies in Silicon Solar Cells for Sustainable Energy Systems

Message from the Guest Editors

The aim of this Special Issue is to encourage researchers and practitioners to share, exchange, and communicate their original, high-quality articles in the field of new and emerging silicon solar cell technologies to improve cell efficiency and cost reduction and ensure their sustainability. This Special Issue will cover a wide range of topics including, but not limited to, the following:

- Innovative design and optimization of silicon based solar cells;
- Efficiency of solar energy conversion;
- Modeling and numerical simulation of silicon solar cells;
- Energy management and intelligent control of PV modules;
- Cutting-edge technologies in silicon for solar cell production;
- New theories, methods, and techniques to increase silicon solar cell efficiency;
- The aging of silicon solar cells;
- Silicon sustainable PV systems.

Guest Editors

Prof. Dr. Valeriy Skryshevsky

Educational Scientific Institute of High Technologies, Taras Shevchenko National University of Kyiv, 64 Volodymyrska, 01033 Kyiv, Ukraine

Prof. Dr. Anatoliy Evtukh

V.E. Lashkaryov Institute of Semiconductor Physics NAS of Ukraine, 41 Nauki Avenue, 03028 Kyiv, Ukraine

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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