



## Photovoltaic Systems: Modelling, Control, Design and Applications

Guest Editors:

**Dr. Faranda Roberto  
Sebastiano**

**Dr. Emanuele Ogliari**

**Dr. Hossein Hafezi**

**Prof. Dr. Marco Mussetta**

Deadline for manuscript  
submissions:

**closed (15 May 2021)**

### Message from the Guest Editors

The 21st Century is faced with the major concern of Climate Change. As a counter measure, it is important to move towards the decarbonization of the world's energy system. In this aspect, massive scaling in energy generation from renewables is essential. Due to the abundance, market potential, technological advancements, and, importantly, low cost, solar photovoltaics (PVs) are driving the growth of renewable energy sources and will be the main source leading this transformation towards sustainable and climate-resilient energy generation.

To remove the technical hurdles towards the proliferation of solar PV systems, this Special Issue is aimed at several aspects, collecting the advancements of novel, original research works, and reviews carried out.





# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)