

## Special Issue

# Solar Radiation: Measurements and Modelling, Effects and Applications—Volume III

### Message from the Guest Editors

The second Special Issue on “Solar Radiation: Measurements and Modelling, Effects and Applications” was a success, with a total of 21 papers accepted for publication. Therefore, we have decided to extend the opportunity to other researchers who were not able to submit their work to this Special Issue. It is with this in mind that we are extending this invitation to the solar radiation scientific community to submit your papers to this Special Issue on “Solar Radiation: Measurements and Modelling, Effects and Applications—Volume III”, which is devoted to some of the topics of Volume II, as well as new ones. Solar radiation is recognised as the primary source of life on Earth as it controls various fields, such as atmospheric environment, terrestrial ecosystems, and terrestrial climate.

### Guest Editors

Dr. Harry D. Kambezidis

1. Atmospheric Research Team, Institute of Environmental Research and Sustainable Development, National Observatory of Athens, Lofos Nymphon, GR-11810 Athens, Greece
2. Soft Energy Systems and Environmental Protection Laboratory, Department of Mechanical Engineering, University of West Attica, P. Ralli & Thivon 250, GR-12244 Egaleo, Greece

Dr. Basil Psiloglou

Institute for Environmental Research & Sustainable Development,  
National Observatory of Athens, 15236 Athens, Greece

### Deadline for manuscript submissions

closed (31 December 2022)



## Applied Sciences

an Open Access Journal  
by MDPI

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/107904](https://mdpi.com/si/107904)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls](https://appls.mdpi.com)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### 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

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )