



Solar Radiation: Measurements and Modelling, Effects and Applications—Volume II

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 (20 September 2021)



mdpi.com/si/58511

Message from the Guest Editors

Dear Colleagues,

The first Special Issue on “Solar Radiation: Measurements and Modelling, Effects and Applications”, was a success, with a total of seven 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 II”, which is devoted to some of the topics of Volume I as well as new ones.

This Special Issue will therefore aim to cover advances in (i) the contemporary use of solar radiation/energy, (ii) modelling of solar radiation with advanced now-casting techniques, (iii) the relation of solar radiation with climate, (iv) and the effects of solar radiation on human health, hydrologic cycles, and weather modification.

Dr. Harry D. Kambezidis

Dr. Basil E. Psiloglou

Guest Editors



an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)