

Special Issue

Solar Energy in Africa

Message from the Guest Editors

From tens of thousands of solar-powered LED lights installed in the roads of Senegal or Algeria, through huge photovoltaic arrays deployed in Egypt's or in Morocco's desert regions, today's low cost and highly efficient photovoltaic and photothermal technologies used to produce (generate) electricity and heat are not only ready to eradicate energy poverty in many of Africa's countries, but can also enable the long awaited transition to distributed generation in both urban and rural areas. The concomitant availability of new low-cost energy storage technologies—the Li-ion battery today and solar hydrogen in the near future—solves the solar energy intermittency issue, making solar electricity available at all times for stationary civil and industrial applications, and for power electric vehicles. This Special Issue, "Solar Energy in Africa", aims to provide an answer to these and related questions to eventually provide an authoritative and updated outlook on the recent progress of the use of solar energy in diverse African countries and regions, including the numerous African islands.

Guest Editors

Dr. Francesco Meneguzzo

Institute of Bioeconomy, National Research Council of Italy, 10 Via Madonna del Piano, I-50019 Florence, Italy

Dr. Mario Pagliaro

Sicily's Solar Pole and Istituto per lo Studio dei Materiali Nanostrutturati, CNR, via U. La Malfa 153, 90146 Palermo, PA, Italy

Deadline for manuscript submissions

closed (30 December 2020)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/42971

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)