

Special Issue

New Trends in Sustainable Energy Technology

Message from the Guest Editors

This Special Issue on “New Trends in Sustainable Energy Technology” welcomes submissions of recent and original research work in relation to promising solutions that tackle the forementioned challenges via the integration of renewable energy systems in the grid. This call for papers is open to a broad thematic range of papers covering the design of small- and large-scale photovoltaic systems and wind parks, the feasibility and limitations of hydropower and nuclear power plants for covering daily fluctuations, the benefits of integrating energy storage systems, the limitation of power losses by long transmission lines, and research trends aiming to offer energy and intelligent control management strategies for power systems and microgrids using artificial intelligent techniques, performance analysis, and the feasibility of the proposed systems.

Guest Editors

Dr. Maria Cristea
Prof. Dr. Radu Tirnovan
Dr. Ciprian Cristea

Deadline for manuscript submissions

30 November 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/231899

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

mdpi.com/journal/

appls





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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

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