Special Issue

State-of-the-Art of Power Systems

Message from the Guest Editors

Power system technology has been transforming rapidly. New and improved topologies with advanced systems and power grids have recently been undergoing rapid development. With the emergence of 5G technology, its realization and implementation in smart grid systems is receiving significant consideration. The latest trends in the power systems are geared towards clean-and-green energy, more resilient power systems, and modernized smart grids. The aim of this Special Issue (SI) entitled "State-of-the-Art Power Systems" is to capture the innovative concepts by means of design, analysis, experiments, and case studies that will bolster the move towards an improved power system. This Special Issue is proposed for publication in Applied Sciences, an MDPI journal. It is an international, peer-reviewed, open-access journal on all aspects of applied natural sciences published semimonthly online. Applied Sciences is indexed by several renowned databases, such as WoS (SCIE Impact Factor 2.679, Q2) and SCOPUS (Elsevier). This SI seeks to publish innovative research works on modern and state-of-the-art power systems.

Guest Editors

Dr. Chunyu Chen

Prof. Dr. Dongsheng Yu

Dr. Muhammad Junaid

Prof. Dr. Kaifeng Zhang

Deadline for manuscript submissions

closed (30 May 2025)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/127396

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

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



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 multidimensional 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)

