



Emerging Technologies of Electric Power Systems and Equipment

Guest Editors:

Dr. Xutao Han

School of Electrical Engineering,
Xi'an Jiaotong University, Xi'an
710049, China

Dr. Junhao Li

School of Electrical Engineering,
Xi'an Jiaotong University, Xi'an
710049, China

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editors

Energy is the basis of human economic and social development, and the current energy system with electricity as its core is gradually improving. In order to meet increasing energy demands and environmental protection requirements, power supplies are being developed towards intelligent and environmental protection. As a result, a large number of emerging electric power systems and equipment technologies have emerged. These technologies effectively ensure the safe, efficient, and green supply of electric energy, and have made great contributions to the development of human society. This Special Issue aims to publish papers on the emerging technologies of electric power systems and equipment. Topics of interest include, but are not limited to, the following:

- New energy power supply technology;
- New power system control technology;
- Environmentally friendly power equipment;
- The intelligent diagnosis and evaluation technology of power equipment;
- New sensing technology for power equipment;
- The service characteristics of power equipment in new power systems;
- The fault diagnosis technology of offshore wind power systems and equipment.





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](#)