



## **Situational Awareness and Protection Technologies for Low-Carbon Economic Operation of New Power Systems**

Guest Editors:

**Dr. Yi Wang**

**Prof. Dr. Yonghui Sun**

**Dr. Yaoqiang Wang**

**Dr. Yanxun Guo**

Deadline for manuscript  
submissions:

**16 October 2024**

### **Message from the Guest Editors**

Dear Colleagues,

With the challenges associated with global climate change, the "low-carbon economy" based on low energy consumption, low pollution and low emissions has become a frequently debated topic at a global scale, which places a further emphasis on the need to develop higher requirements for the safe operation of power system.

This Special Issue focuses on the development of state estimation, situational awareness and protection technologies of power systems. It aims to lay a foundation for the low-carbon economic and safe operation of new power systems.

More information could be found at:

[https://www.mdpi.com/journal/electronics/special\\_issues/Low-Carbon\\_Power\\_System](https://www.mdpi.com/journal/electronics/special_issues/Low-Carbon_Power_System)

**You are welcome to contribute!!!**





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

## 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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

**Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

## Contact Us

---

Electronics Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://x.com/electronicsMDPI)