

## Special Issue

# Resilience-Oriented Smart Grid Systems

### Message from the Guest Editors

This Special Issue aims to be an open platform to share knowledge about progress and challenges in resilience-oriented smart grid systems against natural and cyber disasters. It particularly seeks original contributions regarding ideas, recent developments, or mature studies addressing both theoretical and experimental aspects.

Topics of interest include but not limited to:

- Natural disasters
- Cyber-attacks classification and detection
- Natural disasters and component failure prediction
- Resilience quantification metrics
- Rapid service restoration
- Smart grid self-healing
- Smart metering and smart sensors
- Smart electric transportation in smart grid resilience
- Networked microgrids and smart grid resilience
- Demand response
- Signal processing techniques for smart grid monitoring
- 5G communication and Internet of Things applications in monitoring and management of smart grids under extreme events

[https://www.mdpi.com/journal/electronics/special\\_issues/resilience\\_oriented](https://www.mdpi.com/journal/electronics/special_issues/resilience_oriented)

### Guest Editors

Dr. Muhammad Fahad Zia

Prof. Dr. Mohamed Benbouzid

Prof. Dr. Elhoussin Elbouchikhi

Prof. Dr. S. M. Mueen

### Deadline for manuscript submissions

closed (1 July 2022)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/63745](https://mdpi.com/si/63745)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



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



## About the Journal

### 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 guestedited by leading experts in selected topics of interest.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /  
SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.8 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the first half of 2025).