

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

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Deadline for manuscript submissions

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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.

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