



Resilience-Oriented Smart Grid Systems

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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

