

## Special Issue

# Monitoring and Analysis for Smart Grids

### Message from the Guest Editors

This Special Issue, "Monitoring and Analysis for Smart Grids", stands poised to chart a significant course in advancing our comprehension and practical applications within this evolving domain. The smart grid, positioned at the intersection of technological innovation and sustainable energy, represents a pivotal nexus in our contemporary landscape. Its evolution and optimal functioning are not only crucial for meeting escalating energy demands, but are also imperative for ensuring environmental sustainability. Our goal is to curate a diverse array of contributions that elucidate and catalyze advancements and innovations within this vital sphere. Themes worth exploring encompass, but are not limited to, the following:

- Real-time monitoring technologies for grid performance assessment;
- Data analytics and predictive modeling for grid optimization;
- Integration of renewable energy sources and bolstering grid resilience;
- Cybersecurity frameworks within smart grid infrastructure;
- Advanced sensor networks and their application in grid monitoring;
- Policy implications and regulatory frameworks shaping smart grid development.

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## Electronics

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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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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