



Intelligent Analysis and Control of Modern Power Systems

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Deadline for manuscript
submissions:

closed (9 October 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to solicit innovative research efforts that address recent advances and new trends in the data-driven intelligent analysis and control of modern power systems. Topics of interest include, but are not limited to:

- Data management and analytics in modern power grids;
- Data-driven renewable energy/load forecasting;
- Data-driven power system dynamic stability/security assessment;
- Data-driven power system wide-area control and protection;
- Power system fault detection and localization based on data analytics;
- Data-driven situational awareness and the visualization of power systems;
- Machine learning and reinforcement learning for power system online decision making;
- Data-enabled intelligent applications in transmission/distribution networks and microgrids;
- Implementation and pilot projects of data analytics in practical power grids.

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Guest Editors





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Message from the Editor-in-Chief

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