

Special Issue

Sensor and Sensorless Technology with Renewable Energy and Flexible Load Participation in Active Distribution Network

Message from the Guest Editors

The last few years have seen a rapidly growing interest in technologies with renewable energy (RE) and flexible load (FL) participation in the distribution network with the development of sensor technology, which provides strong support for the active management of the distribution network, and offers the possibility of optimal scheduling of smart cities and smart transportation based on artificial intelligence. In this context, by coordinating flexible resources for smart cities and smart transportation, the carrying capacity and flexibility of the distribution network can be increased to incorporate RE and diversified loads, further improving the secure and economic operation of the distribution network. This Special Issue aims to promote original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of RE and FL participation in the distribution network with integrated sensors.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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