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Energy Efficient IoT for Sustainability

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Deadline for manuscript submissions:

closed (1 March 2021)

Message from the Guest Editors

Since the Internet of Things (IoT) enables measuring and controlling previously unconnected things remotely, it can facilitate projects to create a more sustainable world. According to the “IoT Guidelines for Sustainability” report, 84% of IoT deployments are currently addressing, or have the potential to address, the Sustainable Development Goals (SDGs) as defined by the United Nations, which include the fight against climate change, industry innovation, good health, and wellbeing.

This Special Issue solicits original research and review articles that identify the main research challenges and possible solutions for energy-efficient IoT systems.

Keywords

- Sustainable IoT projects and applications
- Energy-efficient data centers
- Energy-efficient sensor device operation
- Energy harvesting for sensor devices
- Energy-efficient network design
- Energy-efficient network resource management



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Special Issue



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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.

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