

Special Issue

IoT Systems for Sustainable Development

Message from the Guest Editors

This Special Issue concentrates on the convergence of the Internet of Things (IoT) and sustainable development. It will examine how IoT systems can create newness in sustainability over countless regions including environmental conservation, smart cities, renewable energy, waste management, agriculture, and water resource management. Exploiting IoT technologies, this Special Issue looks to inscribe the daunting challenges of optimizing resource usage, reducing waste, improving efficiency, and promoting sustainability-driven decision-making. The scope of this Special Issue includes theoretical, experimental, and practical research contributions that demonstrate the application of IoT for sustainable solutions. Key topics covered will include:

- Energy-efficient IoT solutions for environmental monitoring.
- IoT-driven smart city infrastructure for sustainability.
- Sustainable IoT systems for precision agriculture and food security.
- Water resource management and pollution control through IoT systems.
- IoT in circular economy models (waste reduction, recycling, and smart waste management).
- IoT-enabled renewable energy integration and grid management systems.

Guest Editors

Dr. Jino Ramson

Dr. Walter Daniel Leon-Salas

Dr. Suresh Vishnu

Dr. Xiaozhe Fan

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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