Special Issue

IoT Data Processing and Analytics for Computational Sustainability

Message from the Guest Editors

This Special Issue covers research and applications related to advancing computational sustainability, ranging from IoT, fog/edge computing, big data analytics for IoT data, the application of deep learning to sustainability, cloud management for IoT data, and algorithmic aspects of efficient sustainability data processing. In addition, innovative H/W design for enabling advanced computational sustainability and computation modeling are within its scope. Topics of interest include, but are not limited to:

- IoT for computational sustainability;
- Cloud infrastructure for computational sustainability;
- Application of deep learning for supporting IoT data analysis;
- New paradigm of sustainability data analytics;
- Real-world sustainability data analysis;
- Management of computing resources for computational sustainability;
- Parallel computing in computational sustainability;
- Monitoring and visualization methodologies and tools in sustainability;
- Data security for sustainability;
- Networking issues for collecting and distributing IoT data;
- Theory and algorithm for computational sustainability.

Guest Editors

Dr. Byungchul Tak

Dr. Young-kyoon Suh

Dr. Liqiang Wang

Deadline for manuscript submissions

closed (30 September 2021)

About the Journal

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

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