

Special Issue

Advanced Application of Green and Sustainable Computing

Message from the Guest Editors

Green and sustainable computing supports business-critical computing needs with the least possible amount of power and sustainable development. Green and sustainable computing is essential for all classes of systems, ranging from handheld systems to large-scale data centers. In the past, the primary focus of green and sustainable computing was on IT infrastructure that includes power, cooling, renewables, and data center space. In recent years, many research fields have emerged, such as artificial intelligence, AI-empowered systems, edge computing, blockchain, IoT, and industrial systems. These novel fields also have green and sustainable issues. This Special Issue encourages the submissions related to but not limited to:

- Application of green and sustainable computing in data centers, cloud computing, edge computing, blockchain system, AI-empowered system, IoT system, and industry;
- Energy and thermal estimation approaches;
- Optimizations on energy efficiency, thermal efficiency, and renewable energy utilization.

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Deadline for manuscript submissions

closed (15 June 2023)



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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. *Sustainability* publishes original research articles, review 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.

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