



Network Management for Sustainable Internet of Things

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Message from the Guest Editors

Advancements in information communication and technologies have facilitated various cutting-edge applications. Various applications have emerged, including those in healthcare, industry, transportation, smart grids, and smart cities. However, efforts need to be made in providing sustainable ecosystems for these Internet of Things-enabled cyber-physical systems (CPS). Such developments can occur with improved coordination between computational and physical elements via efficient network management.

The purpose of this Special Issue is to bring together the most recent and advanced research on subjects including the sustainable Internet of Things, opportunistic computing, and semantic-enabled systems, where devices, agents, and humans interact—all with a focus on settings utilizing a sustainable Internet of Things. Future Internet architectures, software-defined networks, and edge-computing-based technologies for smart manufacturing, supply chain management, collaboration, and co-design are also welcome, as are innovative applications and case studies. Despite so many applications and solutions, there remain many challenges at various levels that need to be addressed.





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