



Advances in Machine Learning, IoT and Big Data for Sustainable Communities

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Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to address, by using recent advances in artificial intelligence, machine learning and big data, the challenges of sustainable communities that generate large volumes of data from sensors, smart meters, IoT devices and smartphones. Sustainable communities imply a consistent use of technology for the benefit of citizens: smart grids, smart water management facilities, smart waste management systems, smart traffic and transportation systems, smart security systems or e-governance structures in such communities.

Topics:

- Machine learning theory and applications;
- Big data management, processing and analytics;
- Smart cities and sustainable communities;
- IoT management and integration with utilities;
- Cloud, distributed and parallel computing;
- IoT, mobile-embedded and multimedia solutions.

New papers, or extended versions of papers presented at **the 21st International Conference on Informatics on Economy (IE2022)**, are welcome. All submitted papers will be peer-reviewed using the normal standards of the *Electronics* journal, and accepted based on quality, originality, novelty, and relevance to the theme of the Special Issue.