



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.



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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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