Special Issue

The Role and Impact of the Internet of Things (IoT) in Sustainable Smart Cities Volume II

Message from the Guest Editor

The Internet of Things (IoT) is becoming a key enabling technology, with multiple innovations supporting the smart city paradigm. For instance, providing multi-hop collaboration among the IoT sensor networks helps to reach possible services from Cloud computing facilities. and Machine Learning (ML) techniques are employed to adapt existing configurations. Moreover, emerging 5th and 6th generation (5G/6G) technologies can revolutionize ubiquitous computing with numerous sustainable applications built around various "smart" sensors enabled with cognition and ML techniques. It is capable of detecting hidden structures in the data and using that to make smart decisions in smart-cities' critical missions. To successfully accomplish this vision, cognitive IoT solutions are needed to reshape the existing smart applications towards further sustainable services in smart-city paradigms. This Special Issue brings together a broad multidisciplinary community studying cognitive architectures across science and engineering. It aims to integrate ideas, theories, models and techniques from across different disciplines on cognitive architectures.

Guest Editor

Prof. Dr. Fadi Al-Turjman

Artificial Intelligence Engineering Department, Research Center for Al and IoT, Al & Robotics Institute, Near East University, North Cyprus via Mersin 10, Nicosia 99138, Turkey

Deadline for manuscript submissions

closed (30 December 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/165791

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

