Special Issue

Application of Data Science in Smart Cities

Message from the Guest Editor

In the last few decades, A.I. & big data have transformed not only organizations but markets and society as a whole. However, we still lack a compendium of best practices and frameworks that show both the possibilities and the limits of A.I. and data in cities together with lessons learned from the best cases. This Special Issue aims to contribute to filling this gap by advancing our understanding of the potential and the realities of A.I., analytics and big data in cities. With this in mind, we aim to attract scholarly contributions that address (but are not limited to) the following research questions:

- Data-driven cities: How to use data to improve city governance and services.
- Sensors, IoT and data: Infrastructures, governance and applications.
- The use of analytics in cities to redefine citizenship and citizen participation.
- Governance to ensure privacy and fair use of A.I. and analytics.
- The use of A.I., analytics and big data for the digital transformation of cities.
- Use of data for sustainable cities.
- Data sharing, data trusts, data governance and cities as a platform.

Guest Editor

Dr. Esteve Almirall

Information Systems Department, ESADE Business School, Av. Pedralbes, 60-62, 08034 Barcelona, Spain

Deadline for manuscript submissions

closed (25 May 2022)

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

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

High Visibility:
indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:
JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)