



Big Data Analytics and Information Technology for Smart Cities and Citizen Wellbeing

Guest Editors:

Dr. Jiashu Zhao

Department of Physics and
Computer Science, Wilfrid Laurier
University, Waterloo, ON N2L 3C5,
Canada

Prof. Dr. Jingyuan Li

School of Computer and Artificial
Intelligence, Beijing Technology
and Business University, Beijing
102401, China

Dr. Li Zhang

Institute of Finance and
Technology, University College
London, London WC1E 6BT, UK

Deadline for manuscript
submissions:

5 January 2025

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to explore how to harness the power of big data analytics techniques to promote actionable insights for smarter, more sustainable urban environments.

- **Traffic and Infrastructure:** Intelligent traffic management systems informed by Big Data analysis can significantly reduce congestion.
- **Sustainability:** Data-driven insights can facilitate the design of green urban spaces, optimize waste management systems and improve water management strategies.
- **Public Safety:** Real-time crime analytics empowered by Big Data can enhance public safety efforts and lead to improved emergency response coordination.
- **Smart Home:** Smart cities are formed together with countless smart families, VR/AR glasses and large language models can significantly better the quality of living for individuals in the city.
- **Smart Education:** Current education is no longer limited to the campus, which requires the support of AIGC technology for education content generation, etc.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

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), CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)