Special Issue

Big Data Analysis and Smart Cities

Message from the Guest Editors

Smart cities can significantly impact different aspects of human life, including transportation, communication, health, automotive, security, and education. Big data offer the potential for cities to obtain valuable insights and revolutionize every aspect of our lives by analyzing a large amount of data collected through various sources. This research topic aims to present the latest advances and developments of new methods, techniques, systems, and tools dedicated to big data applications for smart cities. Contributions to theories and practice, including but not limited to, the following technical areas, are welcomed:

- Big Data Analysis for Smart Cities
- Artificial Intelligence and Evolutionary Techniques for Smart Cities
- Digital Twin technologies for Smart Cities
- Intelligent Monitoring
- Data-Driven Modelling and Optimization
- Machine & Deep Learning for Urban Planning
- Data Analysis for Monitoring and Control of City Operations
- Computational Intelligence Technologies for Smart Cities
- Novel sensing techniques
- Novel interfaces and interaction techniques for urban big data

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2023)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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