

Special Issue

Exploring the Power of Algorithms in the Sustainable Development of European Smart Cities

Message from the Guest Editors

The sustainable development of European smart cities is a topic of growing importance as urbanization continues. The integration of advanced technologies and algorithms is crucial for the development of smart cities that are efficient, livable, and environmentally sustainable. This Special Issue aims to explore the role of algorithms in the sustainable development of European smart cities. Algorithms have the potential to revolutionize urban planning, infrastructure management, and resource allocation. They can help optimize energy consumption, reduce waste generation, and improve transportation systems. Moreover, algorithms can be used to analyze data from various sources, including sensors, social media, and citizen feedback, to provide insights into urban challenges and opportunities. This Special Issue welcomes submissions on topics related to the sustainable development of European smart cities using algorithms, including but not limited to: algorithmic optimization of urban systems, data analytics for urban planning and management, citizen engagement and participation using algorithms, and ethical considerations of algorithmic decision-making in smart cities.

Guest Editors

Prof. Dr. Vasile-Daniel Pavaloaia

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Deadline for manuscript submissions

closed (31 May 2024)



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About the Journal

Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

Editor-in-Chief

Prof. Dr. Frank Werner

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