Special Issue

Intelligent Understanding and Analysis of Urban Big Data

Message from the Guest Editors

With the continuous advancement of global urbanization, the accumulation of urban big data is growing exponentially. The intelligent understanding and analysis of big data will redefine perspectives on urban analysis and decision support systems. However, with the surge of sensor data, geographic information data, satellite imagery, and social media data, current challenges lie in the efficient integration and analysis of multi-source heterogeneous data. In addition, the real-time nature, accuracy, and privacy protection of big data cannot be overlooked. By applying the latest advancements in intelligent technology and big data, this Special Issue aims to promote the optimization and innovation of urban management and services to address the diverse challenges that modern cities face. Possible topics include, but are not limited to, the following:

- AI-enabled multimodal data fusion;
- Urban spatial data modeling and visualization;
- Urban function pattern analysis;
- Urban environment monitoring;
- Urban planning and management;
- Sustainable urban development;
- Big data-driven smart city management and services.

Guest Editors

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Deadline for manuscript submissions

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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

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