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Smart Cities: Sensors and IoT

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submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

Smart cities result from the urgent need to orient our lives towards sustainability. Therefore, these cities use infrastructure, innovation, and technology to improve the quality of life of their citizens. Citizens interact with smart city ecosystems using smartphones and mobile devices, sensor technology, as well as connected vehicles and homes. Pairing devices and data with a city's physical infrastructure and services can reduce costs and improve sustainability. With the help of IoT, communities can improve energy distribution, optimize garbage collection, decrease traffic congestion, and improve air quality. Secure wireless connectivity and IoT technology are turning traditional elements of urban life, such as street lighting, into next-generation smart lighting platforms with extended capabilities. This includes integrating solar power and connecting to a central cloud-based control system that connects to other ecosystem assets.

Sensors and IoT deployed in cities are the key building blocks for the development of these cities. These technologies will make it possible to achieve sustainable, comprehensive, innovative, and forward-looking cities.



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Special Issue



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Message from the Editor-in-Chief

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