Special Issue

Cloud-Based IoT Applications for Smart Cities

Message from the Guest Editors

The idea of the smart city connects many IT systems that improve and automate various aspects of everyday life. The effect of implementing the smart city idea is the popularization of access to information about the city, plans for further development, improving the work of offices and municipal institutions, better investment conditions, improved communication, improving the functioning of municipal services, improving the conditions of the environment. Thanks to IoT devices, it is possible to automate tedious processes related to measurement and data transfer, and it is also possible to control the mechanisms remotely. In a smart city, there are many different types of sensors that collect information about the environment and send it to the central office. The question is: What to do with such a huge amount of data? Where to store it and how to manage it effectively? This is where cloud computing comes in handy. The main goal of this Special Issue is to analyze the possibilities that arise from the use of Internet of Things and cloud computing in the idea of the smart city, both for technical and utility reasons, as well as for the development of ICT.

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About the Journal

Message from the Editor-in-Chief

As urban environments continue to evolve, Smart Cities serves as a key platform for sharing innovative research that addresses the complexities of modern urban life. Our journal provides a space for interdisciplinary dialogue and knowledge exchange on the latest advancements in smart city technologies and practices. We prioritize research that not only pushes the boundaries of scientific understanding but also has practical implications for improving urban living, sustainability, and governance.
We welcome contributions from diverse fields that bring fresh perspectives to urban challenges, from smart infrastructure and IoT integration to data-driven decision-making and sustainable development. Through a combination of rigorous peer-review and rapid publication, we aim to disseminate impactful research that fosters the development of smarter, more resilient cities.

Editor-in-Chief

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