Advances in the IoT and Smart Cities

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Message from the Guest Editors

The Internet of Things (IoT) refers to the unprecedented use of devices, sensors and actuators, and wireless communication in all kinds of cyberphysical systems. With the use of data analytics, and enabling technologies such as AI, machine learning, and deep learning, the data extracted are used by smart systems to optimize the use of infrastructure and resources.

Smart cities have emerged as the realization of many applications and solutions, across all sectors of society.

In this context, the Special Issue in Applied Sciences on the IoT and smart cities invites researchers to submit original research contributions in all major areas, which include but are not limited to the theory and fundamental research, real-world applications, software development, and engineering of the IoT and smart cities:

- IoT architectures and cyberphysical systems (CPS);

- IoT sensors and actuators;

- IoT services, applications, and platforms;

- IoT challenges in security, reliability, and privacy;

- Smart sustainable city services, applications, and platforms.

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Special Issue

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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.

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