

Special Issue

Advances in Sensor Networks for Smart Cities

Message from the Guest Editors

In recent decades, the size and population of cities have increased drastically. This massive growth in population poses a significant constraint on resources in several dimensions of daily lives in urban areas, such as the quality of services in healthcare, education, the environment, public safety, and security. Thus, new methods must be put in place for these cities to be sustainably managed. The extensive implementation of pervasive and mobile computing systems has given rise to the term of “smart cities”, which indicates the capability of sustainable city growth by leading to significant enhancements in city management and life in the above-mentioned sectors and various dimensions such as rainwater harvesting, energy efficiency, traffic congestion, pollution reduction, parking space, public safety, and recreation. The interesting features of smart cities have been made possible in recent years because of the availability of commodity low-power sensors, smartphones, tablets, and the necessary wireless networking infrastructure, which, along with technologies such as artificial intelligence (AI) and big data processing.

Guest Editors

Dr. Mohamed Elhoseny

Faculty of Computers and Information, Mansoura University, Mansoura, Egypt

Dr. K. Shankar

School of Computing, Kalasalingam Academy of Research and Education, Krishnankoil, India

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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jsan@mdpi.com

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Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

Prof. Dr. Lei Shu

1. College of Smart Agriculture (Artificial Intelligence), Nanjing Agricultural University, Nanjing 210031, China

2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

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