Special Issue

Applications of Sensor Networks and Systems in Smart Cities

Message from the Guest Editors

Information and Communications Technology (ICT) technologies in the urban environment have rendered cities increasingly intelligent. The concept of the "Smart City" (SC) is typically used to refer to these cities, i.e., high-tech cities that offer the collection, analysis, and distribution of information to make the best use of public resources and increase the quality of services provided to citizens. All this is achieved by providing the city with a myriad of sensors designed to evaluate all physical quantities with regard to the performance parameters of citizens' services. In this context, it is essential to carry out an analysis of the results obtained in the different implementation scenarios in terms of interoperability, reliability, and efficiency, in order to evaluate which of the different technologies present in the literature and elsewhere may represent the most appropriate choice for the implementation of systems based on sensor networks in smart cities.

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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.

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