Special Issue

Networked Sensing and Control in Smart Cities

Message from the Guest Editors

Smart Cities aim to provide a better quality of life for their citizens by leveraging the advances in information and communication technology (ICT). Ubiquitous actuation, sensing, and control technologies can be used to improve a number of smart city services, including intelligent transportation systems, smart power grids, smart health monitoring, water management, etc. Unique characteristics of these smart city services make the sensing and control tasks in these smart services very challenging. A proper communication infrastructure should be in place for these sensors to communicate with each other. The development of advanced networking, sensing, and control technologies play a key role in enabling these smart city services. This Special Issue intends to seek innovative and state-of-the-art solutions for open challenges in the networking, sensing, and control for a variety of smart cities services, such as intelligent traffic control, autonomous driving, smart grid, smart buildings, smart homes, etc.

Guest Editors

Dr. Shichao Liu

Dr. Wei Shi

Dr. Hamid Mehrvar

Dr. Helen Tang

Deadline for manuscript submissions

closed (31 December 2019)

Smart Cities

an Open Access Journal by MDPI

Impact Factor 5.5
CiteScore 14.7

mdpi.com/si/27063

Smart Cities
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cities@mdpi.com

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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

Prof. Dr. Pierluigi Siano
Department of Management and Innovation Systems, University of Salerno, 84084 Salerno, Italy

Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.8 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the first half of 2025).