Special Issue

Internet of Things in Digital Agriculture

Message from the Guest Editor

To meet the exceedingly increasing food demands of the world, it is imperative to utilize digital agriculture to its fullest extent for an improved and cost-efficient crop production method through timely decision making and conserving natural resources. To that end, it is vital to achieve a ubiquitous connectivity on farms using Internet of Things and Underground Wireless Communications. The aim of this Special Issue is to solicit papers from academia and industry researchers with original and innovative works on all aspects of Internet of Things in Digital Agriculture, including IoT sensing and wireless communications systems, characterization of soil medium (e.g., soil texture and moisture and irregular soil surfaces), antenna radiations considering burial depth, antenna design, and operating frequency, and studies of spatiotemporal factors of a field leading to a unique correlation of the communication system with digital agriculture.

Guest Editor

Dr. Abdul Salam
Department of Computer and Information Technology, Purdue University, West Lafayette, IN, USA

Deadline for manuscript submissions

closed (31 March 2021)

Smart Cities

an Open Access Journal by MDPI

Impact Factor 5.5
CiteScore 14.7

mdpi.com/si/41227

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

mdpi.com/journal/smartcities

Smart Cities

an Open Access Journal by MDPI

Impact Factor 5.5
CiteScore 14.7

mdpi.com/journal/smartcities

MDPI

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

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Urban Studies) / CiteScore - Q1 (Urban Studies)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2025).