



smart cities



an Open Access Journal by MDPI

Development of Sustainable Agri-Food Systems Based on Artificial Intelligence, Food Policy and Market Integration

Guest Editors:

Dr. Wen-Hao Su

College of Engineering, China
Agricultural University, Beijing
100083, China

Dr. Huidan Xue

School of Agriculture and Food
Science, University College
Dublin, Belfield, Dublin, Ireland

Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editors

Dear Colleagues,

Climate change and unpredictable pandemics pose a threat to the sustainable development of agriculture in smart cities. Since food contamination can occur throughout the food production chain (production, processing, distribution, cooking) from the fishing ground or farm to the dining table, food systems in cities are particularly vulnerable to major public health incidents. Strengthening the resilience of food systems in cities becomes more urgent and necessary in the COVID-19 pandemic era. It is necessary to rebuild the agriculture and food system and advance the transformation of the agriculture and food system to enhance its production efficiency, resilience, and inclusiveness. How will computer vision and artificial intelligence ensure the safety of agricultural products, and what roles will they play in sustainable agriculture and food production to feed the future? How have agricultural and food technologies evolved and developed to achieve smarter and more sustainable farming for our food systems in cities? How do relevant actors in the urban food system act to rebuild the resilience of the urban food system?

Guest Editors



mdpi.com/si/90942

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Pierluigi Siano

Department of Management and
Innovation Systems, University of
Salerno, 84084 Salerno, Italy

Message from the Editor-in-Chief

Smart Cities provides an advanced forum for the dissemination of information on the science and technology of smart cities. It publishes reviews, regular research papers (articles) and communications in all areas of research concerning smart cities. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers so that the full experimental results can be reproduced. Manuscripts regarding research proposals and research ideas are particularly welcome.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Inspec](#), [AGRIS](#), and [other databases](#).

Journal Rank: CiteScore - Q1 (*Urban Studies*)

Contact Us

Smart Cities Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/smartcities
cities@mdpi.com