Research on Smart Healthy Cities and Real Estate

Guest Editors:

Dr. Gamze Dane
Department of the Built Environment, Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, The Netherlands

Dr. Lisanne Bergefurt
Department of the Built Environment, Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, The Netherlands

Deadline for manuscript submissions:
30 September 2024

Message from the Guest Editors

Dear Colleagues,

The integration of smart technologies (i.e., IoT and sensor networks, digital applications for citizen engagement) within cities and real estate holds immense potential to improve people's experiences. However, often, these technologies are implemented without considering people's experiences. Novel research methods could increase insights about (i) the integration of smart technologies to increase people's experiences, (ii) how these are perceived, and (iii) how novel research methods can be leveraged to co-create new technologies and design guidelines for enhancing the built environment.

This Special Issue aims for empirical papers on the perception of smart technologies within the built environment, encouraging novel methods to make cities and real estate smarter and healthier. We especially welcome papers that address the potential positive influence of these smart technologies on people and their behaviour. High-quality systematic reviews related to this topic are also welcome.

Guest Editors

Special Issue

Editor-in-Chief

Prof. Dr. David Arditi
Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Civil*) / CiteScore - Q1 (*Architecture*)

Contact Us