

## Special Issue

# Advanced Technologies for Construction and Smart Societies

### Message from the Guest Editors

The construction industry, which has historically lagged behind in technology adoption, is facing adoption challenges with the introduction of modern digital disruptive technologies. Advanced technologies such as artificial intelligence, machine learning, computer vision, big data, Internet of Things, unmanned aerial vehicles, virtual reality, augmented reality, mixed reality, cloud computing, 3D scanning, wearable technologies, robotics, blockchain, software as a service (SaaS), 3D printing, digital twins, building information modelling, ubiquitous computing, renewable energy, autonomous vehicles, 5G communications, and geospatial and scanning technologies are disrupting the construction industry. These advanced technologies have expanded the possibilities for finding solutions to persistent construction problems and have enabled more successful projects that can be objectively measured. However, the adoption of these technologies necessitates the acquisition of modern digital skills and the upgrading of traditional systems and processes involved in construction projects to align with the initiatives of modern smart cities and societies.

---

### Guest Editors

Dr. Amirhossein Heravi

School of Surveying and Built Environment, University of Southern Queensland, Springfield Central, QLD 4300, Australia

Dr. Fahim Ullah

School of Surveying and Built Environment, University of Southern Queensland, Springfield Central, QLD 4300, Australia

---

### Deadline for manuscript submissions

closed (31 December 2023)



## Societies

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6  
CiteScore 3.0



[mdpi.com/si/165185](https://mdpi.com/si/165185)

*Societies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[societies@mdpi.com](mailto:societies@mdpi.com)

[mdpi.com/journal/  
societies](https://mdpi.com/journal/societies)





# Societies

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6  
CiteScore 3.0



[mdpi.com/journal/  
societies](https://mdpi.com/journal/societies)



## About the Journal

### Message from the Editor-in-Chief

*Societies* (ISSN 2075-4698) is an interdisciplinary journal that brings together different scientific approaches to engage with societal questions to enhance our understanding of the social realm throughout history. The journal publishes original empirical research papers, literature reviews, and conceptual papers. Our aim is to publish papers that have a significant impact on addressing present and emerging societal questions. Therefore, we encourage researchers to publish their results in as much detail as possible. For empirical research papers and literature reviews, all experimental details must be provided, so that the results are reproducible. We also encourage the publication of timely theoretical pieces on topics of interest to existing and emerging societal questions. Papers are either published in the open journal or in Special Issues devoted to specific topics of interest to the field.

---

### Editor-in-Chief

Prof. Dr. Gregor Wolbring

Community Rehabilitation and Disability Studies, Cumming School of  
Medicine, University of Calgary, Calgary, AB T2N 4N1, Canada

---

### 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), RePEc, EconBiz, and other databases.

#### Journal Rank:

JCR - Q2 (Sociology) / CiteScore - Q2 (General Social Sciences)