AI Applications in Construction and Infrastructure

Guest Editor:

Dr. Sudipta Chowdhury
Department of Mechanical and Industrial Engineering, Marshall University, Huntington, WV 25755, USA

Deadline for manuscript submissions:
15 September 2024

Message from the Guest Editor

The Special Issue "AI Applications in Construction and Infrastructure" is EXTENDED!

It aims to explore the advancements, challenges, and potential of artificial intelligence (AI) in revolutionizing the construction industry and infrastructure development. Topics of interest include, but are not limited to:

- AI-assisted project planning and design;
- Robotics and automation in construction tasks;
- AI-powered monitoring and surveillance systems;
- Safety and risk management using AI techniques;
- AI-driven optimization in construction logistics and supply chain management;
- Energy efficiency and sustainability using AI applications;
- AI-based predictive maintenance and equipment optimization;
- Virtual reality and augmented reality for construction visualization and simulation;
- AI-enabled decision support systems for construction management;
- Ethical, legal, and social implications of AI adoption in construction.

mdpi.com/si/179430

Special Issue

Editor-in-Chief

Prof. Dr. Willy Susilo
School of Computer Science and
Software Engineering, University
of Wollongong, Northfields
Avenue, Wollongong, NSW 2522,
Australia

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

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), Ei Compendex, dblp, and other databases.
Journal Rank: CiteScore - Q2 (*Information Systems*)

Contact Us