buildings

an Open Access Journal by MDPI

IMPACT FACTOR 2.648

CITESCORE 4.2 SCOPUS

Architectural Design Supported by Information Technology

Guest Editors:

Prof. Dr. Frank Petzold
Department of Architecture, Technical University of Munich, Munich, Germany

petzold@tum.de

Prof. Luis Felipe González Böhme
Department of Architecture, Universidad Técnica Federico Santa María, Valparaíso, Chile

luisfelipe.gonzalez@usm.cl

Dr. Gerhard Schubert
Department of Architecture, Technical University of Munich, Munich, Germany

schubert@tum.de

Deadline for manuscript submissions:
31 October 2022

Message from the Guest Editors

Increasing digitization, the technological innovations that accompany digitization and resultant new methods have contributed to wide-ranging transformations in architectural design processes in recent decades.....

The key to current research and research in the coming years will be to exploit the potential of currently available and forward-looking information technologies and their integration into design processes to offer an "expanded possibility space" and to support architects in decision-making processes.

The aim of this Special Issue is to allow scientists who are investigating digital methods to support decision-making processes in early stages of design processes to publish their works and to discuss potential application fields with a broad scientific community.

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/buildings/special_issues/

Architectural_Information

buildings

IMPACT FACTOR 2.648

CITESCORE 4.2 SCOPUS

an Open Access Journal by MDPI

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 many other databases.
Journal Rank: JCR - Q2 (*Construction & Building Technology*) / CiteScore - Q1 (*Architecture*)

Contact Us

Buildings
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/buildings
buildings@mdpi.com
@Buildings_MDPI