Special Issue

Al as a Tool for Architectural Design and Urban Planning

Message from the Guest Editors

We are pleased to present this Special Issue "Artificial Intelligence (AI) as a Tool for Architectural Design and Urban Planning". As Al continues to transform various sectors, its applications within architecture and urban planning have become increasingly influential, offering innovative solutions and enhancing creative possibilities. This Special Issue brings together a diverse range of articles that explore the intersections of Al with architectural design, urban planning, and the built environment. From generative design processes to predictive modeling and smart cities, the contributions to this issue showcase how AI technologies are reshaping the way we conceive, plan, and build our urban spaces. The authors present cutting-edge research, case studies, and conceptual frameworks. providing readers with valuable insights into both the benefits and challenges of integrating Al into architectural and urban planning practices.

Guest Editors

Dr. Isidro Navarro-Delgado

Architecture Representation Department, Polythecnic University of Catalonia, 08184 Barcelona, Spain

Dr. Janina Puig Costa

Architecture Representation Department, Polythecnic University of Catalonia, 08184 Barcelona, Spain

Deadline for manuscript submissions

1 September 2025



Architecture

an Open Access Journal by MDPI

Impact Factor 1.4 CiteScore 2.2



mdpi.com/si/228014

Architecture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
architecture@mdoi.com

mdpi.com/journal/ architecture





Architecture

an Open Access Journal by MDPI

Impact Factor 1.4 CiteScore 2.2



About the Journal

Message from the Editor-in-Chief

The journal Architecture is an outstanding platform for new ideas and for reporting the outcomes of your research. The subjects sought are wide ranging and include design strategies, form, and technology. The need to be innovative in a rapidly changing profession and building environment make this journal the ideal place to publish. We are open to creativity and out-of-the-box thinking.

Editor-in-Chief

Prof. Dr. Avi Friedman

School of Architecture, McGill University, Montreal, QC H3A 2K6, Canada

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 34.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.

