

Special Issue

Intelligent Ecologies in Architectural Research and Practice

Message from the Guest Editor

The general objective includes, but is not limited to, defining the concept of Intelligent Ecologies and its role in architecture, analyzing the influence of emerging technologies (AI, IoT, machine learning, and intelligent materials) in the design of spaces, identifying innovative case studies that exemplify the integration between artificial intelligence, ecology, and architecture, and exploring the social and environmental impacts of these approaches in urban and architectural design. To achieve these objectives, contributions could include literature reviews on computational architecture, biomimicry, smart materials, and automation, analyses of existing projects to identify innovative design strategies, explorations of the use of generative AI in architectural research and creativity through case studies and adaptive design, and assessments of the environmental and social impact of the integration of AI and sustainable design.

Guest Editor

Dr. Tiziano Cattaneo

Department of Civil Engineering and Architecture, University of Pavia,
27100 Pavia, Italy

Deadline for manuscript submissions

31 January 2026



Architecture

an Open Access Journal
by MDPI

Impact Factor 1.4
CiteScore 2.2



mdpi.com/si/237559

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

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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

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