Special Issue

Harmonizing Nature and Mind: Biophilic and Neuroarchitecture Synergies for Intelligent Buildings Enhancing Human Well-Being

Message from the Guest Editors

The journal Buildings invites submissions for a Special Issue, "Harmonizing Nature and Mind: Biophilic and Neuroarchitecture Synergies for Intelligent Buildings Enhancing Human Well-Being." This issue explores the intersection of biophilic design and AI integrating nature, neuroscience, and sensor technologies to create intelligent, human-centred buildings. We welcome contributions on:

- Biophilia & Well-Being: How natural elements influence cognition, emotions, and health.
- Neuroarchitecture: Brain responses to design choices.
- AI & Smart Technologies: Adaptive systems enhancing user experience.
- Workplace Productivity: Impact on efficiency, creativity, and morale.
- Climate-responsive biophilic strategies: biophilic and neuroarchitectural principles prioritize human experience alongside sustainability.

Researchers and practitioners are invited to submit original work. Visit the Buildings website for guidelines and deadlines.

Guest Editors

Dr. Yan Xing

Prof. Dr. Alexander Sumich

Dr. Jordan J. Bird

Dr. Andrew Knight

Prof. Dr. Derek Clements-Croome

Deadline for manuscript submissions

10 September 2025

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About the Journal

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.

Editor-in-Chief

Prof. Dr. David Arditi
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Author Benefits

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JCR - Q2 (Construction and Building Technology) / CiteScore - Q1 (Architecture)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).