Special Issue

Human-Centric Architectural Design: Neuroarchitecture as a New Tool to Shape Futureproof Inclusive Buildings

Message from the Guest Editors

We are pleased to invite submissions for the Special Issue of *Buildings* entitled “Human-Centric Architectural Design: Neuroarchitecture as a New Tool to Shape Futureproof Inclusive Buildings”. This Special Issue explores the integration of neuroscience in architectural design to create environments that are not only aesthetically pleasing but also cognitively and emotionally supportive. As we face evolving challenges in urbanization, inclusivity, and sustainability, neuroarchitecture offers insights into how spaces can positively impact human well-being, behaviour, and performance. We encourage research that examines the intersection of architectural design, human cognition, and sensory experiences. Submissions may include case studies, empirical research, and innovative design practices that demonstrate how neuroarchitecture can inform the creation of inclusive, adaptable, and futureproof buildings. Join us in advancing this interdisciplinary approach to shape the next generation of human-centric spaces.

Guest Editors

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Dr. Camelia Chivăran

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Deadline for manuscript submissions

30 March 2026

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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

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