Special Issue

Visual Comfort in Buildings: Lighting Solutions

Message from the Guest Editor

This Special Issue addresses the area of visual comfort in buildings with a focus on lighting solutions, spanning from design strategies to technical systems. The purpose of this Issue of *Buildings* is to present the latest research results related to the exploration of lighting quality. Deepened knowledge is needed to develop design strategies and technical solutions for sustainable built environments that provide high-quality visual comfort, well-being, and spatial experience. Solutions to this challenge require more profound understanding of the interaction between the user of the space, the color design, the qualities of the materials, the light sources, and the technical system. We welcome high-quality contributions from different disciplines focusing on visual comfort and lighting. We look forward to contributions from studies with qualitative, quantitative, and mixed-methods approaches. [...] For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/buildings/special_issues/
Visual_Comfort

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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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