Special Issue

Energy Consumption and Visual Comfort Optimization for Lighting Systems

Message from the Guest Editor

In recent years, the need to reduce energy consumption together with the maximization of visual comfort has led to considerable advances in lighting systems performance. However, the energy consumption of lighting systems still accounts for around 20% of overall electricity consumption. Therefore, further efforts are needed to improve the energy performance of lighting systems, ensuring the highest visual comfort sensation.

This Special Issue on "Sustainable Buildings and Energy Performance" will collect scientific articles dealing with innovative research for lighting systems, taking into account different levels of knowledge. This Special Issue welcomes high-quality papers on the following topics: Daylight harvesting; Discomfort glare; Glazing system; Lighting control systems; Lighting experimental campaigns; Lighting simulations; Smart solutions; Visual comfort.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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