Timber in the City: Interior Design and City Environment Development with Wood Materials

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Message from the Guest Editors

Dear Colleagues,

Urbanization has spurred innovations in materials, structures, technology, building forms, and interior design. New materials and technology have brought many benefits but also negative environmental impacts. Interior design significantly influences human behavior and comfort. The use of wood in interiors has been shown to have positive effects on mental and physical health.

This Special Issue welcomes research on wood in interiors of residential and public spaces, wood structures and architecture, product and building design solutions, the benefits of wood on human health, reuse and recycling of wood construction products, and more.

We look forward to receiving your contributions.

Special Issue

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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.

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