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Multi-Dimensional Organic Conservation of Historical Neighborhood Buildings in the Context of Sustainable Urban Renewal

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Deadline for manuscript submissions:
30 November 2024

Message from the Guest Editors

Although historic neighborhood building's conservation can be practiced on a small scale, it is equally important for urban planning and sustainable urban renewal. The focus of conserving urban historical neighborhood buildings is placed on the tangible parts of buildings, such as conservation technologies and material studies. It can also be carried out at an invisible level, such as culture, identity, memory, and daily life, which functions as the historical carrier of urban life. Its conservation also involves the planning policies and management models of urban renewal and building conservation. With the support of digital technology, the conservation of historical neighborhood buildings will be conducted through data collection, fine scanning, and digital management of urban historical neighborhoods.

We especially encourage papers that present research on the following topics:

- Sustainable renewal of urban historical neighborhood buildings;
- Conservation of urban historical neighborhood buildings;
- Digital conservation of urban historical neighborhood buildings.
- Urban conservation and renewal management of historical neighborhood buildings.

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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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