

Special Issue

Modern Architectural Heritage, Conservation, Restoration and Renovation

Message from the Guest Editors

Modern architectural heritage, conservation, restoration, and renovation are hot topics in today's architectural world. The protection of architectural heritage reflects people's understanding of the environment and historical culture, which is not only based on the sustainable protection of heritage but also on the diversity of culture and protection methods as well as technologies. The types of architectural heritage are rich and diverse, and the concepts, methods, and technologies of heritage protection are constantly changing and updated. This topic intends to collect and disseminate valuable scientific research on perspectives, methods, and techniques for the conservation of various types of architectural heritage. Multidisciplinary research and cross-technologies are encouraged, supported by a broad range of methodological and technical approaches (such as digital technology and artificial intelligence).

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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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