Special Issue

Analysis, Conservation, and Refurbishment Methods of Heritage Architecture Based on Modern Technology

Message from the Guest Editors

Heritage Architecture conservation is becoming increasingly crucial in current design activity. Still, thanks to modern digital technologies, the traditional goal of preserving each country's cultural identity is integrated with innovative methodologies that revolutionize the approach to heritage conservation and the possible reuse of existing buildings. Knowledge of the artifact to be protected still plays a crucial role in this process. It results in a deep awareness of securing, consolidating, and restoring cultural heritage, ensuring effective and quality results.
Implementing digital tools and technologies supports data analysis and information management, so new methodologies are renovating this field thanks to their precision, efficiency, and reduced environmental impact. We invite high-quality, cutting-edge articles for the Special Issue on "Analysis, Conservation, and Refurbishment Methods of Heritage Architecture Based on Modern Technology".

Guest Editors

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Deadline for manuscript submissions

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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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