

Special Issue

Protection of Buildings with Historic, Architectural or Cultural Value

Message from the Guest Editors

We welcome papers on the following and related topics, including but not limited to: ☒ Diagnosis and characterisation of damage of building materials and structures; in situ field test methods, nondestructive techniques, laboratory tests and analysis; ☒ Testing and/or development of treatments, products or solutions; assessment of short and/or long-term effects; preventive conservation; ☒ Environmental monitoring, moisture, condensation, mould growth and salt crystallisation; ☒ Simulation and modelling: hygrothermal and thermodynamic predictive models; ☒ Impact of climate change and environmental conditions; consequences from refurbishments and retrofitting measures: energy efficiency, ventilation, airtightness and moisture in buildings; ☒ Digitalisation and documentation, data bases, past interventions, adaptation to new legislation; ☒ New methodologies, digital and innovative technologies, building information modelling (BIM).

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).