



## Protection of Buildings with Historic, Architectural or Cultural Value

Guest Editors:

**Dr. Paula Lopez-Arce**

1. The Property Care Association (PCA), Huntingdon PE29 6FY, UK  
2. Institute for Environmental Design and Engineering (IEDE), University College London (UCL), London WC1H 0NN, UK

**Dr. Ainara Zornoza-Indart**

Department of Painting - Restoration section, University of the Basque Country (UPV-EHU), Leioa, Spain

Deadline for manuscript submissions:

**closed (31 December 2021)**

### 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).



## Editor-in-Chief

**Prof. Dr. David Arditi**

Construction Engineering and  
Management Program,  
Department of Civil,  
Architectural, and Environmental  
Engineering, Illinois Institute of  
Technology, 3201 South  
Dearborn Street, Chicago, IL  
60616, USA

## 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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*Buildings* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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