

Special Issue

Housing Challenges in Heritage Districts: Lessons from Spain's Historic Urban Areas

Message from the Guest Editors

This Special Issue invites contributions addressing the study, documentation, adaptation, and transformation of existing housing stock in historic urban districts in Spain. This issue aims to explore evidence-based rehabilitation strategies that preserve the material, typological, and cultural values of historic environments while meeting contemporary standards of comfort, accessibility, and energy performance.

Topics of interest include, but are not limited to:

- Adaptive reuse of residential buildings;
- Compatible change in use in historic housing;
- Heritage conservation and integration strategies;
- Energy upgrading and building performance improvement;
- Prefabricated and modular systems for renovation;
- Application of innovative and sustainable materials;
- Circular construction and lifecycle approaches;
- Digital documentation, survey techniques, and BIM-based analysis;
- Technical diagnosis and performance evaluation methods;
- Urban regeneration processes linked to residential rehabilitation.

Guest Editors

Dr. Aurora Martínez-Corral
Dr. María Elena Rodrigo Clavero
Dr. Milagro Iborra-Lucas

Deadline for manuscript submissions

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Buildings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
buildings@mdpi.com

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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

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

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