

Special Issue

Digital Approaches for Sustainable Heritage and Historic Urban Environments

Message from the Guest Editors

Historic cities and cultural landscapes play a key role in sustainable urban development, yet they face growing pressures related to climate change, urban transformation, tourism dynamics, and socio-economic change. Addressing these challenges requires innovative and interdisciplinary approaches capable of integrating cultural heritage values with advanced digital tools and spatial data analysis. Recent developments in geospatial technologies and digital modeling—such as Geographic Information Systems (GISs), Building Information Modeling (BIM/HBIM), digital twins, remote sensing, and artificial intelligence—are transforming the way historic urban environments are documented, analyzed, and managed. These technologies enable new data-driven approaches to preventive conservation, urban regeneration, heritage monitoring, and decision-making processes across architectural, urban, and territorial scales. Interdisciplinary research connecting heritage conservation, urban science, geospatial analysis, and digital technologies is particularly encouraged.

Guest Editors

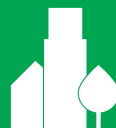
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Message from the Editor-in-Chief

Urban Science is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

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