

Special Issue

HBIM and Information Systems for Cultural Heritage Memory and Preservation

Message from the Guest Editors

Building Information Modelling for Architectural Heritage (HBIM) is increasingly central to heritage preservation, enabling the integration of 3D data with diverse n-dimensional information layers. While rooted in established BIM methods, HBIM faces growing challenges in data interoperability, semantic structuring, and multidisciplinary collaboration due to limitations in current software systems. Nonetheless, HBIM is driving the digital transformation of cultural heritage by serving as a comprehensive knowledge platform for documentation, diagnosis, maintenance, and restoration planning. Advances in computational tools, visual programming, and standardized procedures are essential to enhance model accuracy, accessibility, and long-term usability. This Special Issue invites interdisciplinary contributions that explore innovative HBIM methodologies, data integration strategies, and practical applications in heritage management, archaeology, architecture, and related fields. We welcome both theoretical insights and case-based implementations that push the boundaries of HBIM for more effective and inclusive heritage conservation.

Guest Editors

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Message from the Editorial Board

Heritage is an international, peer-reviewed, open access journal that focuses on knowledge, conservation, interpretation and management of cultural and natural heritage, by presenting and enabling novelty and advances in sensing technologies, novel methods, best practices and policies. *Heritage* has the ambition to become a “cultural forum”, where scientists and experts offer answers to significant issues affecting cultural and natural heritage, by creating a knowledge bridge between different technological and social disciplines. *Heritage* has an Editorial Board of eminent international leaders and this ensures rigorous peer-review processing for high quality and novel papers. We strongly recommend *Heritage* for the rapid and professional publication of your innovative research and case studies.

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