

Special Issue

Virtual Reconstruction and Digital Restoration in Cultural Heritage: Methods, Documentation, and Scientific Validation

Message from the Guest Editors

This special issue aims to explore the scientific foundations and methodological approaches in virtual reconstruction and digital restoration within the Cultural Heritage domain. It provides a dedicated platform for high-quality contributions addressing both theoretical frameworks and practical applications across the broad spectrum of Cultural Heritage disciplines. The scope encompasses archaeology, architecture, urban studies, historical landscapes, and conservation science, extending to innovative applications in intangible heritage, musicology, and performing arts heritage. With a strong commitment to open science principles, we particularly encourage submissions that embrace open-source tools, open-data practices, and adhere to FAIR principles (Findable, Accessible, Interoperable, and Reusable). This approach ensures transparency, reproducibility, and long-term accessibility of research outcomes, fostering a more collaborative and sustainable scholarly environment. The issue focuses on the critical challenge of ensuring scientific validation in virtual reconstruction and digital restoration projects.

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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