

## Special Issue

# Digital Photogrammetry and Laser Scanning in Cultural Heritage Survey

### Message from the Guest Editors

In the last few years, amidst the crisis resulting from the pandemic situation 3D digital technologies—such as digital photogrammetry and laser scanning—have become an effective solution for keeping cultural heritage virtually accessible to citizens and attracting a new type of tourism in a unknown context. This Special Issue seeks papers approaching the topic of digitization, documentation, conservation, restoration, visualization, exploitation, and the re-use of cultural heritage from different and interdisciplinary perspectives, with different areas of archaeological and heritage knowledge. Emphasis will be placed on novel approaches and technologies that support faster, better and cheaper digitization and the presentation of heritage assets. Topics of this Special Issue of *Remote Sensing* include, but are not limited to:

- New methods and strategies for 3D surveys;
- Laser scanning/photogrammetry integration;
- Building semantic and parametric models from 3D point clouds;
- Heritage Building Information Models (HBIM);
- Digitization of cultural heritage assets;
- The preservation and protection of cultural heritage;

### Guest Editors

Dr. Pilar Merchán

Dr. Santiago Salamanca

Dr. Emiliano Pérez

Dr. María José Merchán

### Deadline for manuscript submissions

closed (31 January 2024)



## Heritage

an Open Access Journal  
by MDPI

Impact Factor 1.9  
CiteScore 3.7



[mdpi.com/si/149289](https://mdpi.com/si/149289)

*Heritage*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[heritage@mdpi.com](mailto:heritage@mdpi.com)

[mdpi.com/journal/  
heritage](https://mdpi.com/journal/heritage)





# Heritage

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.9  
CiteScore 3.7



[mdpi.com/journal/  
heritage](https://mdpi.com/journal/heritage)



## About the Journal

### 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.

---

### Editors-in-Chief

Dr. Francesco Soldovieri

National Research Council of Italy (CNR), Institute for Electromagnetic Sensing of the Environment (IREA), Via Diocleziano 328, 80124 Naples, Italy

Dr. Nicola Masini

CNR-IBAM, 85050 Baragiano Scalo, Italy

---

### Author Benefits

#### Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (Archeology (Arts and Humanities))