

Special Issue

Innovative Technologies for the Geometric and Thematic Documentation of Antiquities and Cultural Heritage Monuments

Message from the Guest Editor

This Special Issue aims to collect original research and review articles that present innovative approaches to geometric and thematic heritage documentation. Emphasis is placed on methods leveraging the following:

- ☒ Unmanned Aircraft System (UAS) equipped with RGB and Multispectral (MS) sensors, LiDAR, and aerial geophysical equipment.
- ☒ UAS ☒ LiDAR and terrestrial Laser Scanner or/and SLAM.
- Aerial Remote Sensing.
- ☒ Aerial Photogrammetry.
- ☒ Ground ☒ based geophysical surveys.
- ☒ Micro scanning.
- ☒ Data fusion from multiple sources.

This Special Issue will welcome manuscripts that link the following themes:

- Digital Imaging and Aerial Photogrammetry (RGB).
- Digital Imaging and Aerial Remote Sensing (MS, LiDAR, Aerial Geophysical equipment).
- 3D Scanning (Laser Scanner, SLAM, Micro Scanner).
- Ground based Geophysical Surveys.
- Classification.
- Data Fusion from Multiple Technologies.
- Automated Data Processing and Analysis Methods.
- New Data Processing Algorithms.
- Long term Monitoring and Change Detection.

We look forward to receiving your original research articles and reviews.

Guest Editor

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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.

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