

Special Issue

Image-Based Modeling for 3D Metric Representation of Cultural Heritage Environment

Message from the Guest Editors

Image-Based Modeling (IBM) for the digital representation of Cultural Heritage (CH) is becoming more and more widespread. This Special Issue aims at showcasing the latest advances, trends and best practices of the IBM in order to produce 3D Point Clouds or 3D textured models in a Cultural Heritage environment, taking into account even of the recent technological developments of terrestrial, aerial and satellite platforms. Therefore, research articles addressing the following (not exhaustive) list of topics are invited:

- Image matching algorithms;
- 3D reconstruction in CH environment using images generated by Very High Resolution (VHR) satellite;
- 3D reconstruction in CH environment using images generated by passive sensors mounted on UAV or airborne platform;
- 3D reconstruction in CH environment using images generated by passive sensors in terrestrial survey;
- Integration of 3D datasets generated by different passive sensors or platforms in CH environment;
- Open-source and free algorithms for 3D modeling with application in CH environment.

Guest Editors

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Deadline for manuscript submissions

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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.

Editors-in-Chief

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