



an Open Access Journal by MDPI

3D Virtual Reconstruction for Archaeological Sites

Guest Editors:

Dr. Mauro Lo Brutto

Department of Engineering, University of Palermo, 90128 Palermo, Italy

Dr. Valentina Alena Girelli

Department of Civil, Chemical, Environmental and Materials Engineering (DICAM), University of Bologna, Viale del Risorgimento 2, 40132 Bologna, Italy

Deadline for manuscript submissions: closed (20 March 2023)

Message from the Guest Editors

3D virtual reconstruction for the documentation, representation, and realistic simulation of ancient contexts is today becoming increasingly important in the study of Cultural Heritage. 3D virtual reconstructions, if done with rigorous archaeological hypotheses, allow us today to speak of "virtual archaeology" as a discipline that is increasingly spreading in the academic world, also in multidisciplinary projects.

This Special Issue aims to collect high-quality papers dealing with the 3D documentation of archaeological sites, 3D digitization and modeling of Cultural Heritage, 3D virtual reconstruction of archaeological sites and their use through augmented reality (AR)/virtual reality (VR) applications. The main purpose of the Special Issue is to collect contributions about the state-of-the-art on 3D virtual reconstruction in archaeological contexts and on new methodological approaches for virtual archaeology. Examples of case studies in archaeological and museum applications will also be considered.









an Open Access Journal by MDPI

Editor-in-Chief

Message from the Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec,

CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/applsci applsci@mdpi.com X@Applsci