DESCRIPTION

Digital Applications in Archaeology and Cultural Heritage (DAACH) is an on-line, peer-reviewed journal in which scholars can publish 3D digital models of the world’s cultural heritage sites, monuments, and palaeoanthropological remains accompanied by associated academic articles.

The journal aims both to preserve digital cultural heritage models and to provide access to them for the scholarly community to facilitate the academic debate. DAACH offers scholars the opportunity of publishing their models online with full interactivity so that users can explore them at will. It is unique in that its focus is on the application of 3D modeling to cultural heritage. DAACH will provide full peer-review for all 3D models, not just the text, 2D renderings or video fly-throughs, and requires all models to be accompanied by metadata, documentation, and a related article, explaining the history of the subject and its state of preservation, as well as an account of the modeling project itself. The journal focuses on scholarship that either promotes the application of 3D technologies to the fields of archaeology, art and architectural history, and palaeoanthropology or uses 3D technology to make a significant contribution to the study of built structures, works of art or palaeoanthropological remains.

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Digital Applications in Archaeology and Cultural Heritage will also consider papers dealing with processing of digital data acquired by geophysical prospection in archaeological sites (eg applications of 3D or 2D mapping of buried monuments), digital signals from luminescence measurements, multispectral imaging techniques and processing of atomic force microscopic data applied to archaeomaterials.

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