



# DIGITAL APPLICATIONS IN ARCHAEOLOGY AND CULTURAL HERITAGE

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ISSN: 2212-0548

### 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.

The provision of a 3D model is not compulsory for an article to be published in this journal.

### ABSTRACTING AND INDEXING

Scopus

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## GUIDE FOR AUTHORS

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### INTRODUCTION

*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.

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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.

The provision of a 3D model is not compulsory for an article to be published in this journal.

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#### **Referees**

Please suggest two possible referees with relevant current research activity along with their full postal and email addresses. Please ensure that these referees are not from the authors' own institutions.

#### **3D Archaeological Models**

##### **3D Model**

You can enrich your online articles by providing 3D models (optional) in PLY, OBJ or U3D format, which will be visualized using the interactive viewer next to the article. Each 3D model will have to be zipped and uploaded to online submission system via the "3D models(ZIP)" submission category. Please be advised that the recommended model size before zipping is 50-100 MB. Multiple models can be submitted. Please provide a short informative description for each model by filling in the "Description" field when uploading a dataset. Note: all datasets will be available for download from the online article on ScienceDirect. If you have concerns about your data being downloadable, please provide a video instead. For more information see <http://www.elsevier.com/about/content-innovation/obj-ply-models> and <http://www.elsevier.com/about/content-innovation/u3d-models>

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State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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A Theory section should extend, not repeat, the background to the article already dealt with in the Introduction and lay the foundation for further work. In contrast, a Calculation section represents a practical development from a theoretical basis.

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Results should be clear and concise.

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This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

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The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

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If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

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3. *Three or more authors:* first author's name followed by 'et al.' and the year of publication.

Citations may be made directly (or parenthetically). Groups of references should be listed first alphabetically, then chronologically.

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#### *Examples:*

Reference to a journal publication:

Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *J. Sci. Commun.* 163, 51–59.

Reference to a book:

Strunk Jr, W., White, E.B., 2000. *The Elements of Style*, fourth ed. Longman, New York.

Reference to a chapter in an edited book:

Mettam, G.R., Adams, L.B., 2009. How to prepare an electronic version of your article, in: Jones, B.S., Smith, R.Z. (Eds.), *Introduction to the Electronic Age*. E-Publishing Inc., New York, pp. 281–304.

Reference to a website:

Cancer Research UK, 1975. Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/> (accessed 13.03.03).

Reference to a dataset:

[dataset] Oguro, M., Imahiro, S., Saito, S., Nakashizuka, T., 2015. Mortality data for Japanese oak wilt disease and surrounding forest compositions. *Mendeley Data*, v1. <https://doi.org/10.17632/xwj98nb39r.1>.

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