



'Out of the box': exploring the 3D modelling potential of ancient image archives [

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text (article)

Analítica

3D reconstructions for research and conservation of archaeological sites and objects are becoming increasingly common as laser and photogrammetric techniques are now more readily accessible to nonspecialists. Most of these imaging techniques have been applied to sites and/or objects that can be physically visited, handled, measured and studied in various ways. However, little or no attention has been paid to the potential of modern 3D modelling techniques for obtaining new quantitative and qualitative information from sites and objects which have been destroyed or are no longer accessible. This paper explores the potential of Structure from Motion (SfM) to provide fresh insight into the scientific exploitation of ancient image archives. Two case studies from Western France will be used to illustrate this: a series of photographs of one decorated orthostate from the Neolithic gallery grave of Kermorvan (Le Conquet, Finistère), dating from 1911-12, and a 12-minute video of the excavation of a Bronze Age mound in Kervingar (Ploudalmézeau, Finistère), dating from 1953

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