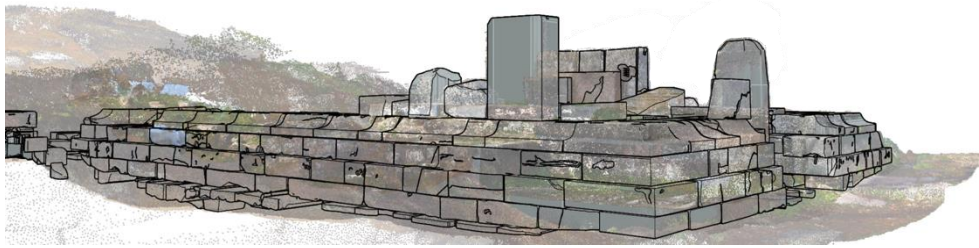
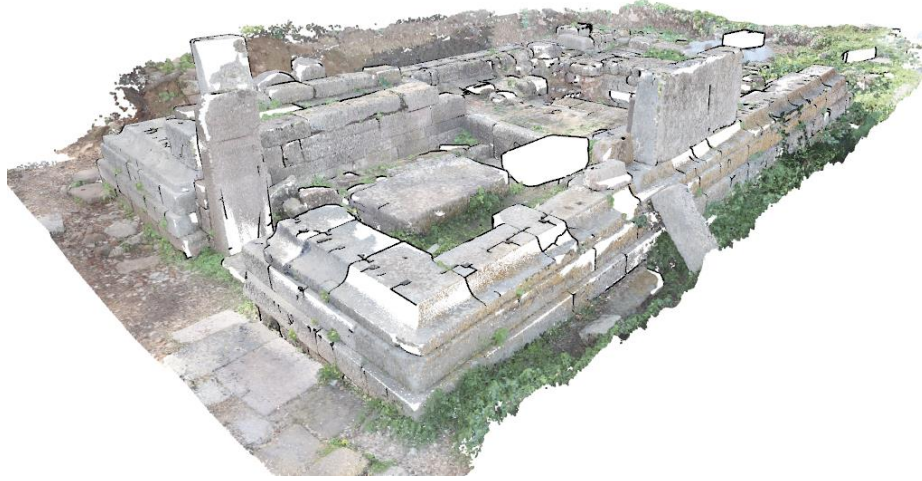




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Digital Archaeology and the Heroon at Erythrae: A Data-Driven Conservation Action Plan with HBIM

by

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Current digitalisation tools, which range from data acquisition to 3D representation of archaeological heritage, are utilized increasingly and more commonly for the documentation, storage, and dissemination of heritage information. With the help of image-based and range-based data capturing technologies in addition to computer aided design software, the creation of virtual twins of objects are becoming more and more feasible to aid heritage recording and to create multi-dimensional representation. As such, heritage conservation has been greatly benefiting from recent developments in digital practices, particularly for the documentation and the visualisation of remains from the past. Nevertheless, long term conservation and management strategies are yet to be fully integrated as into such developments in heritage digitalisation. This presentation will focus on the Heroon at Erythrae, in Ildırı, İzmir to illustrate the significance of data acquisition for digital archaeology in order to determine what actions to be taken for architectural conservation and, in particular, how to manage long-term intervention decisions. The designed data-driven conservation workflow will be discussed by implementing a novel methodology, heritage building information modelling (HBIM).

The lecture will take place on Zoom. For registration:

<https://us06web.zoom.us/meeting/register/tZluduupqDMqGt3LRQVjZ47Y3njTL9UlwKQw>