

# Geospatial Modeling & Visualization

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## Ostia Antica, Italy – Casa Giordino Insula

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Using the [Optech ILRIS-3D](#) laser scanner and the [Konica-Minolta VIVID 9i](#), data was collected in 2007 as part of the [Ostia Antica 3D Scanning Project](#).

Several data sets from the Ostia Antica survey are available in these posts as point clouds in the Polyworks PWK format (as IMInspect projects).

For PWK formats, we recommend using the free [Polyworks IMView](#) data viewer.

**To open a PWZIP file** – click on the .pwzip link below and **save** the file; if you are using Mozilla Firefox, right click on the link and save the file. Open IMView, left click on “File” at the top of the screen. Select “Open project”, then “Add Workspace” and browse to the .pwzip’s saved location. Next, choose a local location to extract the files. The files will unzip and the project will appear in IMView’s workspace file structure. Left click on the project and open.



[Casa\\_Giordino.pwzip](#) (568 mb)  
Collected 2007; top view

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Credit:

[University of Arkansas](#), [Soprintendenza per i Beni Arcaelogici di Ostia](#), [Leica Geosystems](#), [National Science Foundation](#), [Center for Advanced Spatial Technologies](#)

Longer Version:

This project was made possible through funding from the [University of Arkansas Honors College](#) and with equipment provided through [Leica Geosystems](#) Chair in Geospatial Imaging Funding and [National Science Foundation](#) Grant BCS 0321286. Additional assistance was provided by [Soprintendenza per i Beni Arcaelogici di Ostia](#) including Angelo Pellegrino, Direttore degli Scavi di Ostia Antica. The project was coordinated by the [University of Arkansas](#): Honors College - Dean Robert McMath; Classical Studies Program, Department of Foreign Languages – Dr. David Fredrick; School of Architecture – Tim DeNoble; Rome Center for Architecture and Humanities – Prof. Davide Vitali, Director, and Prof. Francesco Bedeschi. Further coordination was provided by the [Center for Advanced Spatial Technologies](#) (CAST), University of Arkansas – Director W. Fredrick Limp, Prof. Jackson Cothren, and the data acquisition and processing team including Adam Barnes, Christopher Goodmaster, Malcolm Williamson, and Caitlin Stevens. An undergraduate, honors colloquium, [Visualizing the Roman City](#), worked more extensively with the data. A paper was presented on the class at the April 2008 Computer Applications in Archaeology Conference in Budapest titled [Visualizing the Roman City: Viewing the past through multidisciplinary eyes](#).



You are reading the series: [Ostia Antica Scanning](#)  
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[Ostia Antica, Italy – Baths of the Seven Sages](#)  
[Ostia Antica, Italy – House of the Charioteers Exterior](#)  
Ostia Antica, Italy – Casa Giordino Insula

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