## Geospatial Modeling & Visualization

A Method Store for Advanced Survey and Modeling Technologies

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3D Scanning

Equipment

Data and Projects by Region

## Amarna Project

In 2008 and 2009, researchers from CAST collaborating with the Amarna Trust and the University of Cambridge conducted long and short range laser scanning at the former site of Amarna in Egypt. The results of the short range scanning form the Amarna Virtual Museum where users can view and interact with a collection of artifacts that have been excavated at Amarna. The artifacts are available for download in multiple formats and resolutions. For more on the project, visit the Amarna project page and visit the virtual museum here.

Data are available here for the objects in 1) an original high resolution mesh (OBJ format)For viewing the .obj polygonal mesh, we recommend Rapidform EXPLORER. Note: In Rapidform BASIS, use File - Import (rather than Open) to view the high resolution OBJ files. 2) a decimated low resolution mesh (3D PDF). Adobe's PDF(Portable Document Format) now offers support for viewing 3D models.



76449 high resolution scan 76449.obj lower resolution scan 76449.obj



5239 low resolution scan.obj higher resolution scan 5239.obj



38819 high resolution scan 38819.obj lower resolution scan 38819.obj

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Credit: Center for Advanced Spatial Technologies, and The Amarna Project, and the University of Cambridge Longer version: The Amarna Project is conducted under the direction of Dr. Barry Kemp and Dr. Anna Stevens. The project was made possible by a grant from the Templeton Foundation. Data acquired, processed and distributed by CAST's Virtual Amarna Museum Development Team.

Please cite this document as: Green, Vance. 2012. Amarna Project.CAST Technical Publications Series. Number 9055. http://gmv.cast.uark.edu/region-data/data-scanning/amarna-project/. [Date accessed: 27 April 2013]. [Last Updated: 20 June 2012]. Disclaimer: All logos and trademarks remain the property of their respective owners.

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