CoVHer

3D DATA EVALUATION

CELTIBERIAN HUT SANTA TECLA

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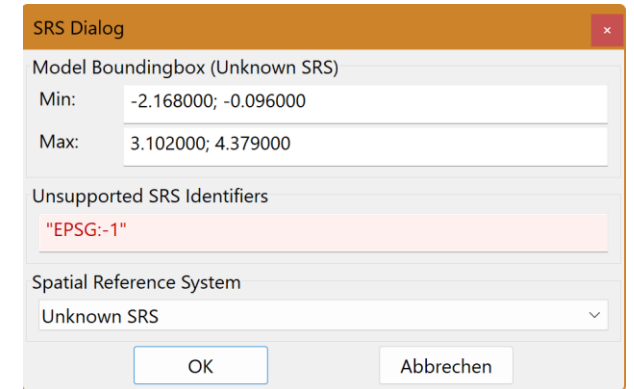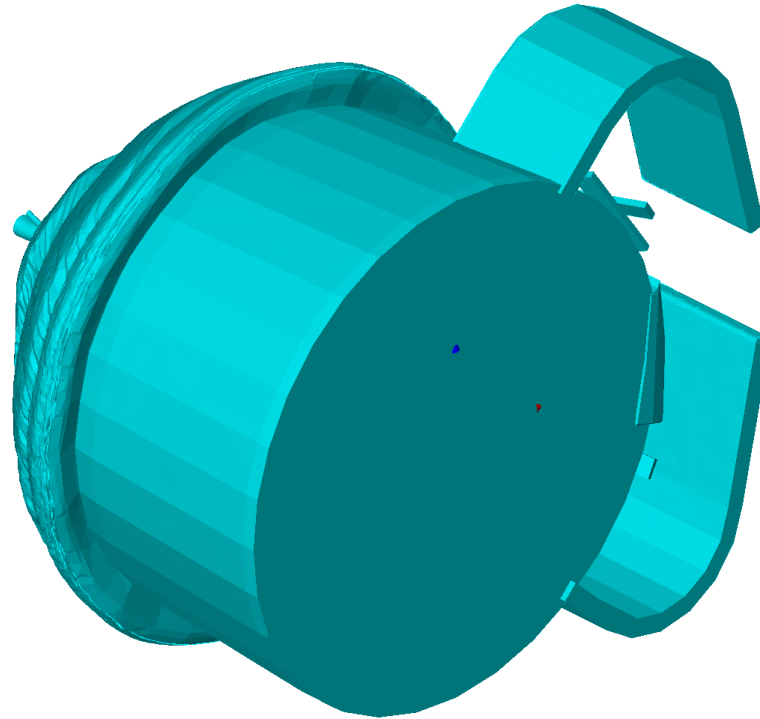Single cycle Degree/Combined Bachelor and Master in Architecture
Year V

3D Repository

The project is well comprehensible, thanks to a good visualization of the model and a great amount of documentation files uploaded. On the other side not all the field are filled out so some informations miss.

3D Repository
Data exchange format

- We could open the file and work with it.

- The viewer software was not able to identify the Spatial Reference System of the model so it's visualized rotated.

SRS Dialog

Model Boundingbox (Unknown SRS)

Min: -2.168000; -0.096000

Max: 3.102000; 4.379000

Unsupported SRS Identifiers

"EPSG:-1"

Spatial Reference System

Unknown SRS

OK   Abbrechen

3D Repository
Documentation

- The documentation uploaded is totally clear and it help to understand the project.

- The IDOVIR documentation (pdf exported and link to the online page) can be add to complete it.

- In general should be add some informations like model creation, holders and partecipants.

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Native File
Vivenda_celta_AR_repository.blend
Documentation Upload
522-garcia-y-bellido-a.-1940.-aea-50.-3-4.-284-311.-el-castro-de-coaa-y-algunas-notas-sobre-el-origen_(1).pdf
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PUBLICATION
Publisher: Joan Ibáñez (Autonomous University of Barcelona)
Publication Date: 09/09/2023 - 09:40
Authored on: Sat, 09/09/2023 - 09:26
Creator ID: Anonymous (not verified)

IDOVIR

The documentation is generally well organized, all the descriptions are clear and source and reconstruction files uploaded are correctly positioned. Only few details should be improved.

IDOVIR
Layout

- The layer subdivision into the section "Project structure" is clear. The only our advise is to put all the layers describing the different elements of which the building is composed as sublayer of "layout and structure". In this way the hierarchy could be better understandable and could follows the analytical process, going from general informations of the main layer to detailed informations of sublayers.

- Should be added an image in the general description of each layer (in the right upper part of the screen) to make the reader understand the topic even just browsing fast the pdf.

Structure

The site and its houses

    Layout and structure

    The wall

    The vestibule

    The roof

    The door (jambs and dintels)

Final renders

Sources

Decisions

The site and its houses

: 100 BC to 100 AD
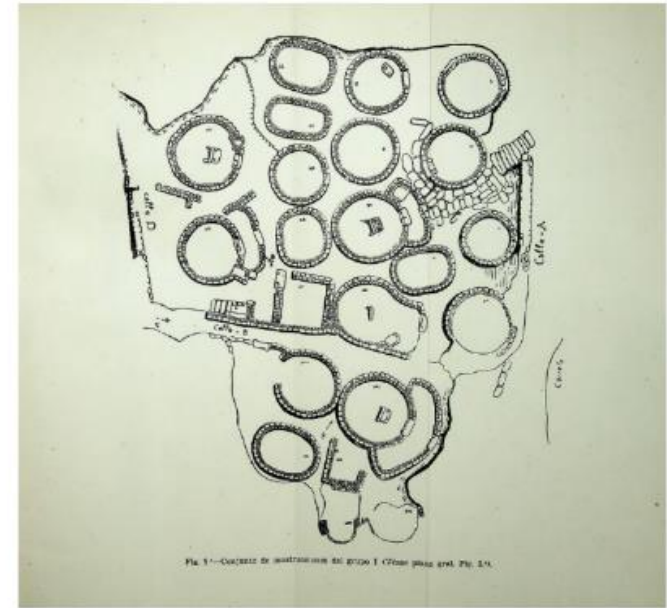
Working state

IDOVIR
Sources

- In the case of the source uploaded into the layer "layout and structure" is not immediate to understand which is the construction analyzed among all of the remains. The suggestion is to highlight it by a circle around it or by a different colour. Unfortunately is not possible to do that directly into the platform.

Reconstruction	Sources

Fig. 18 Ground floor of the reconstructed house

Fig. 3 Set of constructions of group I in La Citania de Santa Tecla

IDOVIR
Evaluation

- In the evaluation of the level of certainty of the reconstruction the geometry has the highest reliability but analysing the source the remains include only the bottom part of the building. If the source is only this one we suggest to put a lower level of certainty for the walls, even if in the exported file the platform doesn't give the possibility to visualize this information.

Reconstructions

Evaluation   Used in the result ✓

Geometry   Surface structure   Coloring

Fig. 13 Render of the wall Render_mur.jpg

Description   No text available!   EN

Sources

Direct source

Photograph

Fig. 7 One of the huts described by De La Peña Santos ya...

Uncertainty Matrix

- Generally the matrix is clear and well organized.

- As written in the slide before, the evaluation of the walls can be split into two different levels of uncertainty: the upper part of them can be put into the same layer of the roof.

- To make the layer descriptions less general, could be add some informations like the names of the author or the historical period of the references.

Based on archaeological evidence

Based on original drawings

Based on design data related to stylistic similarities

On treaties, books, ecc. writen by the autor

Based on reference to treaties books, journals, scc.

Based on reference to a specific architectural style or historical period

Based on reference to coeval building systems

Reconstructive conjectures failing references