



SHORT CV: Eleftheria Paliou

Thematic Area: TA1

Key areas of Expertise in Digital Heritage:

Archaeoinformatics (Digital and Computational Archaeology)



Eleftheria Paliou is Professor (W2) in Archaeoinformatics (Computational Archaeology) at the Institute of Archaeology and Director of the Cologne Digital Archaeology Laboratory (CoDArchLab) since 2016. She is member of the Scientific Committee of the [International CAA organisation](#), member of the editorial board of the Journal of Computer Applications in Archaeology, as well as founding member and Vice Chair of CAA-GR. Since 2016 she is also leader of WG 4 (“Archaeological Scholarship”) of the European COST Action [“Arkwork”](#). Her research experience in Computational Archaeology covers a wide range of digital applications, especially in the areas of Geographic Information Systems (GIS), 3D modelling and analysis, spatial analysis and statistics, computational social science methods, network analysis (urban network analysis, spatial interaction models) and computer simulation. To date, she has actively been involved in developing innovative methods of computational spatial analysis that integrate GIS and 3D technologies. Her research to this day has focused on understanding how people in the past thought and conceptualised various aspects of their environment and on examining the social organisation of past built spaces and cultural landscapes.



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