VAYIA PANAGIOTIDIS

Dr. Vayia Panagiotidis, holds a PhD in Digital Application Development in Cultural Heritage and Archaeology. Following 10 years in the private sector she returned to Kalamata to continue her academic studies with the University of the Peloponnese and the Department of History, Archaeology and Cultural Resources Management. She completed her doctorate research in 2021 focusing on the use of Information Technology in Archaeology and Cultural Heritage as well as digital applications of GIS in archaeology. During her collaboration with the Department and the Laboratory of Archaeometry, she has worked on a number of research programs such as the "Kalamata 1821: Roads of Freedom" project for the development of digital applications (AR, WebGIS etc.), the Pylos Geoarchaeological Research Program (survey using UAS, photogrammetry & LiDAR), the Amykles Archaeological Program (survey using UAS, photogrammetry & LiDAR), the Geophysical prospection project of the Amphipolis archaeological project (survey using UAS, photogrammetry & LiDAR).

She has also been a member of the Organizing Committee of the 41st International Archaeometry Symposium held in Kalamata Greece in May 2016, the ARCH_RNT Symposium Organizing Committee (2018, 2020, 2022); as week as served as Administrative Officer for the Tourist Guide Intensive Training Program hosted by the University of the Peloponnese in 2016; Administrative Officer for the EU funded "Program for the Acquisition of Academic Teaching Experience for Young Scientists with a PhD" for the academic years 2016-2017 and 2017-2018.

Her teaching experience includes lab courses for undergraduates "Specialized Chapter on Archaeometry" (8th semester) and at MSc level "Cultural Heritage Materials & Technologies" Laboratory Practices: Use of Laboratory and Portable Instrumentation, 3D Modelling in CH, AR & VR Applications development for CH as well as the use of UASs in Archaeology with photogrammetry and LiDAR applications.

Dr. Panagiotidis is currently a post-doctorate researcher of the Laboratory of Archaeometry responsible for work regarding UAS surveying, GIS applications, Laser Scanning applications, 3D modelling and AR/VR applications.

She completed a BSc and MSc degree from the National Technical University of Athens - NTUA (2005) in Applied Mathematics and Physical Sciences. During her studies in NTUA she began program development in Matlab,

ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΕΛΟΠΟΝΝΗΣΟΥ
UNIVERSITY of the PELOPONNESE

Laboratory Archaeometry

CultTech

CONTACT

PHONE:
693-6926-471
WEBSITE:
https://gr.linkedin.com/in/vayiapanagiotidis
https://independent.academia.edu/VayiaPanagiotidis
EMAIL:
vayiap@gmail.com

Mathematica, C, C++. Her first work in the field of Cultural Heritage Management was realized during her internship, "practical training", with the Acropolis Restoration Service where she worked on the structural restoration of the northern colonnade of the Acropolis of Athens. Her final Diploma Thesis (has the level, content, and duration of the Master Thesis of equivalent Anglo-Saxon Universities) was on Grid Computing Technologies titled "The Exploitation of Grid Technology in Environmental Applications".

Following her studies in Applied Physics she gained an MSc in Digital Communications and Networks from the University of Piraeus where she continued her research and work in Grid Computing. She completed her MSc in the University of Piraeus in 2009. She has 12 published research papers and 15 oral presentations.

- V. Panagiotidis & N. Zacharias, 2022, "Digital Mystras: An approach towards understanding the use of an archaeological space", 2nd International Conference on Global Issues of Environment & Culture, Scientific Culture Vol. 8 No. 3, pp 85 99
- V. V. Panagiotidis & N. Zacharias, Digitizing Mystras: The Palace Complex, 2nd Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage, Athens 13-15 December 2021 (in press)
- V. Panagiotidis, V. Valantou, & N. Zacharias, 2020, «A Visualization of the Journey of the Area of Dentheliatis from Antiquity to the Present by Viewing the Archaeological and Historic Data of the Area from Kalamata to the NW Taygetos Villages and Mystras», Proceedings 5th ARCH_RNT Archaeological Research and New Technologies, Kalamata, p 86 - 93
- Vayia V. Panagiotidis, George Malaperdas, Vassiliki Valantou & Nikolaos Zacharias (2019) Environmental aspects of ancient city planning: a pilot study on Ancient Thouria in the Peloponnese, Greece, STAR: Science & Technology of Archaeological Research, 5:2, p 257-268, DOI: 10.1080/20548923.2020.1761092.
- Panagiotidis V., Malaperdas G., Palamara E., Valantou V & Zacharias N. (2019). "Information Technology, Smart Devices and Augmented Reality Applications for Cultural Heritage Enhancement: The Kalamata 1821 Project", 1st International Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage, Athens. Springer Nature Switzerland AG. https://doi.org/10.1007/978-3-030-12957-6_15