

Curriculum Vitae: George D. Malaperdas



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Selected Publications:

- Malaperdas, G. & Zacharias, N. (nd) "A register of the residential Mycenaean sites of Messinia and their geo-environmental data" in Zacharias N, Palamara E (eds.) 4th Symposium ARCH_RNT Archaeological Research & New Technologies, 1-3 October, 2014, Kalamata, Greece (acc.)
- Malaperdas, G. & Zacharias, N. (2019). "GIS in Archaeology: The Habitation Model Trend Calculation (MTC). A new effective tool for prediction modeling in Archaeology". Geo-spatial Information Science (in press).
- Malaperdas, G. (2019c). "The Influence and Impact of Bioclimatic Indicators on the Evolution of Biosociety. A Geoarchaeological approach." WSN, 2019 (acc).
- Malaperdas, G. (2019b). "Practical Methods of GIS for Archaeologists: Viewshed Analysis - the Kingdom of Pylos example" Geoplanning: Journal of Geomatics and Planning (acc).
- Malaperdas, G. (2019a). Practical Methods of GIS for Archaeologists: Spatial Division in a Large Area. SSRG International Journal of Geoinformatics and Geological Science (SSRG - IJGGS), v6 (1), 1-6.
- Vrionis, P., Malaperdas, G., Palamara, E. and Zacharias, N. (2018). "A Historical Mortars Study assisted by GIS Technologies", in 1st International Conference TMM_CH Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage, 10-13 October, 2018 Eugenides Foundation Athens, Greece.
- Panagiotidis, V., Malaperdas, G., Palamara, E., Valantou, V., and Zacharias, N. (2018). "Information Technology, Smart devices and Augmented Reality Applications for Cultural Heritage Enhancement: The Kalamata 1821 Project", in 1st International Conference TMM_CH Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage, 10-13 October, 2018 Eugenides Foundation Athens, Greece.
- Malaperdas, G., Panagiotidis, V., Valantou, V. and Zacharias, N. (2018). "The History and Statistics of Electron Microscopy Studies of Archaeological & Cultural Heritage Materials", in 5th Symposium ARCH_RNT Archaeological Research & New Technologies, 4-5 October, 2018, Kalamata, Greece.
- Panagiotidis, V., Malaperdas, G., Palamara, E. and Zacharias, N. (2018). "Digital Enhancement of CH Landscapes: The Kalamata 1821 Project", in 42nd International Symposium on Archaeometry, 2018 May 20 - 26 Merida Mexico (P-2, Abst. 343).
- Malaperdas, G., Panagiotidis V. and Zacharias N. (2018). "Environmental Aspects of Ancient City Planning: The case of Ancient Thouria in the Peloponnese, Greece", in 42nd International Symposium on Archaeometry, 2018 May 20 - 26 Merida Mexico (P-1, Abst. 313).
- Malaperdas, G. and Panagiotidis, V. (2018) "The aspects of aspect: Understanding land exposure and its part in GIS." Energy & Environment 2018, Vol. (29)6 pp.1022-1037. DOI: 10.1177/0958305X18766322.
- Malaperdas, G. and Zacharias, N. (2018) A Geospatial Analysis of Mycenaean Habitation Sites Using a Geocumulative versus Habitation Approach. Journal of Geoscience and Environment Protection, 6, 111-131. <https://doi.org/10.4236/gep.2018.61008>
- Dimopoulou, Z., Malaperdas, G. & Zacharias, N. (2017) "The use of G.I.S. for the Digital Mapping of the Wall of Dimeon situated at Western Achaia, Greece". Second Scientific Conference. The Archaeological Work in Peloponnese, Kalamata 1-4 November 2017.
- Malaperdas, G. (2017) "Settlements pattern analysis through Geographical Information System". Infomative day - Digital applications and digital inventory in Culture, 28 March 2017, Kalamata.
- Malaperdas, G. & Zacharias, N. (2016) "Revealing Archaeological Structures via Remote Sensing and Photointerpretation". 2nd CAA-GR Conference, Athens 20-21 December 2016.
- Malaperdas, G. & Zacharias, N. (2016) "Detecting archaeological structures from space: A case study from South Messenia, Peloponnese" in International Symposium on Archaeometry, Kalamata 15-21 May 2016 (P-219).

George D. Malaperdas studied Environmentalist Cartographer at the Aegean University and completed postgraduate studies at the University of Athens, Department of Geology concerning the Prevention and Management of Natural Disasters. Currently he is a PhD candidate at the University of the Peloponnese in the Department of History, Archaeology and Cultural Resource Management.

He is a member of the Laboratory of Archaeometry in Kalamata focusing on the development of new technologies (GIS - spatial analysis, topographical surveys, data bases and data entry, remote sensing and photogrammetry). Since 2013 he has tutored in undergraduate courses of Archaeometry, as well as the MSc in Cultural Heritage Materials and Technologies in the University of the Peloponnese.

He has also taken part in the organization of the 'Archaeological Research and New Technologies' Symposia conducted by the Department of History, Archaeology and Cultural Resources Management in Kalamata every two years since 2012. Between 2013-2015 he was a member of the MOCACU (Mobile Care for the Documentation, Characterization and Conservation of Movable Cultural Heritage Artifacts from Remote Areas) research programme. MOCACU was funded by the Swiss Confederation - Federal Office Of Culture FOC. In the year 2016 he was participated in the Local Organizing Committee of the International Symposium of Archaeometry (ISA), taking place in Kalamata between 15 to 21 of May, and he was also in charge of the technical support of the symposium. He is currently a member of the Kalamata '21 research project, which is funded by European Union (ΕΣΠΑ 2014-2020).

He has worked in both the private and public sectors as well as in European projects. He has participated and worked in more of 100 completed studies of the Hellenic Public Sector including major Greek development projects. Some of them are "Cadastral training and land registration in Lesvos Island", "Establishment of a Geographical Information System in the olive and wine sector in the prefectures of Lesvos, Chios, Samos, Cyclades and Dodecanese including data base management", "Urban Development Plans for the majority of Municipalities in Messenia, Arcadia and Laconia Prefectures", "Strategic Environment Impact Studies of UDP (Urban Development Plans)", "General Management Development Studies of Kalamata Municipality", "Web-GIS Data and Software Creation for the Municipality of Messini", "Geographical Placement of Waste Transshipment Stations". Furthermore, he was Head of the Mapping Department in several public agencies such as the Development Company of Messenia, the Development Company of Arkadia (Parnonas) and the Union of Agricultural Cooperatives of Messenia. Moreover, he has been involved in topographical surveys and surveys mainly in Messenia and Lesvos. He has experience in the use of topographic surveying instruments as well as in satellite, aerial imaging and GIS systems. In relation to European projects he has created in collaboration with the National and Kapodistrian University of Athens, the irrigation network for the whole Municipality of Filiatra area, via GIS, data bases and Remote sensing techniques, participating in the INTERREG III B.MEDOCC European Project. He has also created a digital urban development map using remote sensing and digital photogrammetry for the Hämeenlinna region in Finland.

At the current time he works as a scientific associate adviser at the Municipality of Oichalia in Messenia Prefecture. He is mainly concerned with development projects implemented in the area as well as to their financing through programs.

Furthermore, he has teaching experience of more than 10 years in High and Higher Education institutions in Greece. In particular, he has taught modules such as "Gis and Spatial Analysis", "Geographical Information System Laboratory Courses", "Management of Natural Environment", "Urban solid waste and Waste Management", "Energy and Sustainable Development", "Management of Natural Disasters – Earthquakes".