

Dr. KATERINA THEODORAKOPOULOU

Archaeologist—Geoarchaeologist



Personal Data

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EDUCATION

- Graduated with **Distinction (19.5/20)** from **Arsakeio High School for Girls, Psychiko, Athens** (1995).
- **B.A. in Archaeology and History of Art** (1995–2000), Department of History and Archaeology, School of Philosophy, National and Kapodistrian University of Athens. Final Grade: **Very Good (7.76/10)**.
- **Ph.D. in Geoarchaeology** (2004–2009), Department of Geography, Harokopio University of Athens, in collaboration with the Archaeometry Laboratory of the National Centre for Scientific Research "Demokritos".
- **Doctoral Dissertation:**
The Impact of Environmental Conditions on the Palaeogeographical Evolution of Archaeological Sites and the Preservation of Archaeological Remains. Degree awarded **Excellent (Unanimously)**.

- **B.Sc. in Geology and Geoenvironment**, Department of Geology and Geoenvironment, National and Kapodistrian University of Athens (admitted through competitive examinations), awarded **Very Good (7.90/10)** (October 2016).
- **Licensed Tourist Guide**, Ministry of Tourism, Greece (2024).

PROFESSIONAL EXPERIENCE

- **Adjunct Lecturer**, Hellenic Open University (HOU), Master's Programme *Documentation and Recording of Monuments and Archaeological Sites*. Teaching *Archaeometry*. (October 2024 – July 2026).
- **Adjunct Assistant Professor**, Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese. (November 2024 – September 2025).
- **Lecturer**, Athens Tourist Guide School. Teaching **Prehistoric Archaeology**. (February 2020 – July 2026).
- **Lecturer**, M.Sc. Programme *Cultural Heritage Materials & Technologies*, Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese. (Spring semesters 2022, 2023, 2024, 2025).
- **Tutor (Adjunct Faculty Member)**, Hellenic Open University, Undergraduate Programme in Greek Civilization. Teaching **Archaeology in the Greek World**. (October 2020 – July 2022).
- **Lecturer**, Department of History, Archaeology and Social Anthropology, University of Thessaly. Teaching **Geoarchaeology**. (February 2021 – July 2021)
- **Lecturer**, Department of History, Archaeology and Social Anthropology, University of Thessaly. Taught the undergraduate courses: *Introduction to Archaeometry*, *Prehistoric Archaeology with Emphasis on the Stone Age*, *Stone Age and Geoenvironment*. (October 2018 – July 2020).
- **Tutor (Adjunct Faculty Member)**, Hellenic Open University, Undergraduate Programme in Greek Civilization. Teaching: *Introduction to Greek Civilization*, *Archaeology in the Greek World*. (October 2017 – July 2019).
- **Lecturer (Presidential Decree 407/80 Appointment)**, Department of History, Archaeology and Social Anthropology, University of Thessaly.

Taught the undergraduate course: *Prehistoric Archaeology with Emphasis on the Stone Age*. (February – July 2017).

- **Postdoctoral Research Fellow (ARISTEAS Programme)**, Archaeometry Laboratory, University of the Peloponnese. (November 2021 – May 2022).
- **Postdoctoral Research Associate**, Department of Geology and Geoenvironment, National and Kapodistrian University of Athens. Division of Mineralogy and Petrology. (2017–2019).
- **Postdoctoral Research Associate**, Laboratory of the History of Medicine, University of Crete. (June 2017 – present).
- **Research Associate**, Dean's Office, Faculty of Science, National and Kapodistrian University of Athens.. (May 2014 – September 2015).
- **Postdoctoral Research Associate**, Laboratory of Atmospheric Physics, National and Kapodistrian University of Athens. Research topic: *Assessment of the Effects of Atmospheric Pollution on the Cultural Environment*. (2012–2014).
- **Postdoctoral Research Associate**, Department of Geography, Harokopio University. Research activities included: Geoarchaeological research , Development of cultural heritage databases , Participation in educational and outreach activities . (2011–2013).
- **External Scientific Associate**, Archaeometry Laboratory, Institute of Materials Science, National Centre for Scientific Research "Demokritos". Research fields: Archaeometry, Geochronology, Geoarchaeology , Ancient materials characterization (June 2009–2016).
- **External Scientific Associate**, Laboratory of Atmospheric Physics, National and Kapodistrian University of Athens. Conducted research on: Atmospheric pollution and deterioration of archaeological monuments , Environmental monitoring , Laboratory measurements , Field measurements at archaeological sites of major cultural significance (2004–2011).

SELECTED PUBLICATIONS

1. Athanassas, C.D., Kanavou, V., Braucher, R., Vakalas, I., Ladas, I., Theodorakopoulou, K., & Zampoukos, H. (2026). Cosmogenic ^{36}Cl Dating of Fault Activity near Hard Infrastructure. *Geohazards*, 7(1), 22.
2. Theodorakopoulou, K., Mavridis, F., Papadea, A., Perraki, M., Palamara, E., & Zacharias, N. (2025). Petrology and provenance study of stone tools from the Mesolithic cave of Kouvaras in Attica: A preliminary report. *Lithic Technology*, 50(2), 145–168.
3. Fazeli Nashli, H., Theodorakopoulou, K., Stamoulis, K., Athanassas, C., Nazari, H., Nokandeh, J., Jamshidi Yeganeh, S., & Shokri, M. (2023). Deciphering the chronology of Tepe Sialk (South) “Ziggurat”, North Central Iranian Plateau, through Optically Stimulated Luminescence (OSL) dating. *Journal of Archaeological Science: Reports*, 48.
4. Dotsika, E., Tassi, M., Karalis, P., Chrysostomou, A., Michael, D., Poutouki, A., Theodorakopoulou, K., & Diamantopoulos, G. (2022). Stable Isotope and Radiocarbon Analysis for Diet, Climate and Mobility Reconstruction in Agras (Early Iron Age) and Edessa (Roman Age), Northern Greece. *Applied Sciences*, 12(1), 498.
5. Theodorakopoulou, K., Kyriakopoulos, K., & Galanopoulos, E. (2022). The Hiera Volcanic Eruption (197 BC) on Santorini: First Evidence from Speleothem Archives. In *Proceedings of the 6th ARCH_RNT – Archaeological Research and New Technologies*.
6. Mavridis, F., Zapheiriadis, P., Papadea, A., Stravopodi, E., Trantalidou, K., Theodorakopoulou, K., Athanassas, C., & Maniatis, Y. (2021). Kouvaras Cave: A New Early Holocene Site in East Attica, Greece. *Newsletter of the Prehistoric Society*, 98.
7. Theodorakopoulou, K., Athanassas, C., Kyriakopoulos, K., Maniatis, Y., Galanopoulos, E., Economou, G., Mavridis, F., & Darlas, A. (2021). First Stratigraphic Evidence of the Hiera Eruption (197 BC), Santorini, Greece. *Environmental Archaeology*, 26(3), 336–348.
8. Theodorakopoulou, K., & Karamanou, M. (2020). Human Paleopathology during the Stone Age. *Archives of the Balkan Medical Union*, 55(4).
9. Theodorakopoulou, K. (2020). Stone Age Geoglyphs in the Black Desert of Jordan: Symbolism, Chronology and Geospatial Analysis. *Archaeology Issues*, 4(1), 70–83.
10. Theodorakopoulou, K. (2020). Palaeolithic Occupation in Southwestern Messenia: Review of Research, Palaeogeography and Future Perspectives. *Archaeology Issues*, 4(2), 182–195.
11. Ghilardi, M., Revelles, J., Glais, A., Theodorakopoulou, K., Theodoropoulou, T., Lespez, L., ... & Fleury, J. Reconstructing human-environment interactions in the western Messara Plain (Phaistos, Crete, Greece) from the emergence of city states to Byzantine times. *Journal of Archaeological Science: Reports*, 26, 101909, 2019.

12. Theodorakopoulou, K., Kyriakopoulos, K., Stamoulis, K., Rizza, M., Athanassas, C. D., Sulpizio, R., & Alçiçek, M. C. Chronological evidence for a pre-Minoan age of pyroclastic deposits on Anafi Island, Cyclades, Greece. *Mediterranean Geoscience Reviews*, vol. 1, 17-24, 2019.
13. K. Theodorakopoulou, *Optically Stimulated Luminescence. The SAS Encyclopedia of Archaeological Sciences*, Wiley Blackwell eds, Chichester, West Sussex ; Malden, MA : Wiley Blackwell, 2019
14. K. Theodorakopoulou, K. Kyriakopoulos, K. Stamoulis, M. Rizza, R. Sulpizio, M. Cihat Alçiçek, C. D. Athanassas, Chronological constraints of pyroclastic deposits on Anafi island, (Cyclades, Greece): Are they Minoan?, *Bulletin of the Geological Society of Greece*, special issue 7, 501-502, 2019.
15. K. Theodorakopoulou, K. Kyriakopoulos, C.D.Athanassas, E. Galanopoulos, G. Economou , F. Mavridis , A. Darlas, Volcanic eruption signatures in speleothem archives of Santorini, *Bulletin of the Geological Society of Greece*, special issue 7, 503-504, 2019.
16. K. Θεοδωρακοπούλου, Οι παλαιοϋδρολογικές επιπτώσεις της Μινωικής έκρηξης της Θήρας: μια γεωαρχαιολογική προσέγγιση, *Θέματα Αρχαιολογίας*, 2019, 3(1): 84 – 95.
17. K. Theodorakopoulou, C. Athanassas, Y. Bassiakos, G. Schukraft, M. Forbriger, S. Hecht, B. Mächtle, G.A. Wagner – A geoarchaeological approach for the localization of the prehistoric harbour at Akrotiri, Thera., *Digital Geoarchaeology New Technologies for Interdisciplinary Human-Environmental Research*, Series: Natural Science in Archaeology, Springer eds, 2018, 237-253.
18. K. Pavlopoulos, A. Leontaritis , C. D. Athanassas , Ch. Petrakou , D. Vandarakis, K. Nikolakopoulos, L. Stamatopoulos and K. Theodorakopoulou. Last glacial geomorphologic records in Mt Chelmos and the contribution to the karstic landscape, North Peloponnesus, Greece, *Journal of Mountain Research*, 2018; vol.15, issue 5, 948-965.
19. Athanassas,C., Modis,K., Alçiçek, M.C and Theodorakopoulou, K. . Contouring the Cataclysm: a Geographical Analysis of the Effects of the Minoan Eruption", *Journal of Environmental Archaeology*, 2018; vol.23, issue 2.
20. K. Theodorakopoulou, Y. Bassiakos, Geoarchaeological studies at the cemetery of ancient Kamara, assisted by optically stimulated luminescence (OSL) dating: Insights in the post Roman hydrological record of Eastern Crete. *Journal of archaeological science: Reports* , vol.12, 794-804, 2017.
21. Athanassas, C.D., García Sanjuán, L., Theodorakopoulou, K., Jain, M., Sohbat, R., Guerin, G., Lozano, J.A. Testing the potential of Optically Stimulated Luminescence (OSL) for the dating of the Antequera megaliths (Málaga, Spain): assessing the results of the first round of sampling. *Menga. Revista de Prehistoria de Andalucía*, 07, 191-198, 2016.
22. C.D. Athanassas, G.O. Rollefson, A. Kadereit, D. Kennedy, K. Theodorakopoulou, Y.M. Rowan, A. Wasse,, OSL dating and spatial analysis

- of geometric lines in the Northern Arabian Desert, *Journal of archaeological Science*, vol 64, 1-11, 2015.
23. Theodorakopoulou K, *Geoarchaeological Studies in Istron-Kalo Chorio (Gulf of Mirabello- Eastern Crete): Palaeoenvironmental Reconstruction and Palaeogeographic Evolution*, BAR INTERNATIONAL SERIES 05, 2634:35-42, 2014.
 24. C.Athanassas, I. Fountoulis, I. Mariolakos, Y. Bassiakos, Z.Karotsieris, M. Triantaphyllou, K. Theodorakopoulou, 'Comments on the neotectonics of the coastal zone of western Messenia based on luminescence dating and geoarchaeological evidence', *Zeitschrift fur Geomorphologie*, vol.57, sup.3, 049-062, 2013.
 25. M. Golubovic-Deligianni, G. Veni, K. Theodorakopoulou, The relationship of karst landforms and land use, Ksironero region, Western Greece, *Proc.16th International Congress of Speleology*, Brno, Czech republic; 07/2013.
 26. L. Galani, G. Kritikos, K. Theodorakopoulou, A. Skentos, K. Pavlopoulos, GIS as an educational tool: Mapping cultural sites in Greek space-time, *Bulletin of the Geological Society of Greece*, vol. XLVII, 1017-1023, 2013.
 27. Pavlopoulos K., Kapsimalis V., Theodorakopoulou K., Panagiotopoulos I., 'Relative sea level changes in the Aegean Sea coastal areas (Eastern Mediterranean) during Holocene: A geoarchaeological approach ', *Journal of Earth Science*, 06/2012; 21(1)
 28. Siart C., Ghilardi M., Forbriger M., Theodorakopoulou K., 'Terrestrial laser scanning and electrical resistivity tomography as combined tools for the geoarchaeological study of the Kritsa-Latô dolines (Mirambello, Crete, Greece)'. *Geomorphologie :relief, processus, environnement*, n.1, 59-74, 2012
 29. Theodorakopoulou K, Pavlopoulos K, Athanassas C, Zacharias N., Bassiakos Y. Sedimentological response to Holocene climate events in the Istron area, Gulf of Mirabello, NE Crete', *Quaternary International*, 266, 17 July 2012, Pages 62-73.
 30. Pavlopoulos K, Kapsimalis V, Theodorakopoulou K, Panagiotopoulos I.P, Vertical displacement trends in the Aegean coastal zone (NE Mediterranean) during the Holocene assessed by geo-archaeological data, *The Holocene*, 06/2012; 22(6):717-728.
 31. K.Theodorakopoulou and Y.Bassiakos, '"Analysis and interpretation of clastic sediments from the cave of Cyclops on Youra', in *The cave of the Cyclops in Youra, Mesolithic and Neolithic networks in the Northern Aegean, Greece*, eds.Sampson, INSTAP Academic Press,vol.2, 373-384, 2011.)
 32. Tzanis C., Varotsos C.,Christodoulakis J.,Tidblad J., Ferm M., Ionescu A.,Lefevre R.A., Theodorakopoulou K., and Kreislova K.. On the corrosion and soiling effects on materials by air pollution in Athens, Greece. *Atmospheric Chemistry and Physics* 11 (23), 2011, 12039-12048.

33. Pavlopoulos K., Kapsimalis V. and Theodorakopoulou K, 'Geoarchaeological challenges and relative sea level changes in Aegean coastal areas during holocene', International Geobiology Conference, 3-6 June, Wuhan, China, 2010, Journal of Earth Science, vol.25, 2010, 264-266.
34. C. Tzanis, K. Theodorakopoulou, P. Theodorakopoulos, C. Varotsos, 'Tsunamis among the natural disasters', Fersenius Environmental Bulletin, vol.19, n.5a, 2010.
35. G. Apostolopoulos, K. Pavlopoulos, J. Basiakos, K. Leontarakis, D. Baltoukas and K. Theodorakopoulou, Geophysical investigation for the detection of stratigraphy in an area of Agios Nikolaos City, Crete, Proc. 5th Congress of Balkan Geophysical Society, 10 May 2009, Belgrade, Serbia.
36. K. Theodorakopoulou, K. Pavlopoulos, M. Triantafyllou, K. Kouli, T Tsourou, Y.Bassiakos, N. Zacharias, B.Hayden, 'Geoarchaeological studies in the coastal area of Istron-Kalo Chorio (Gulf of Mirabello-Eastern Crete): Landscape evolution and paleoenvironmental reconstruction', Zeitschrift fur Geomorphologie, 53, sup.1, June 2009, 55-70.
37. N.Zacharias, Y. Bassiakos, B.Hayden, K. Theodorakopoulou, C.Michael, 'Luminescence dating of nearshore deltaic deposits from Eastern Crete, Greece', Geomorphology, 109, 46-53, 2009.
38. K.Theodorakopoulou, 'Lake Kopais : Geomorphological and paleoenvironmental studies', in The Sarakino Cave at Akraphnion, Boetia, Greece, vol.1, The Neolithic and the Bronze Age, University of the Aegean, Polish Academy of arts and sciences, Athens 2008, 451-463.
39. K.Θεοδωρακοπούλου, Κ. Παυλόπουλος, Γ. Αποστολόπουλος, Ι.Μπασιάκος, Ν.Ζαχαριάς, 'Γεωαρχαιολογικές έρευνες στο νεκροταφείο της αρχαίας Καμάρας στην περιοχή Ξηροποτάμου Αγίου Νικολάου Κρήτης', Δελτίο Γεωλογικής Εταιρείας , XLII/1, 2008, 140-147.
40. B. Hayden, Ι. Μπασιάκος, Α. Σαρρής, Ν. Ζαχαριάς, Κ. Παυλόπουλος, Κ. Θεοδωρακοπούλου, Κ.. Αθανασάς, Μ.Τριανταφύλλου, Κ. Κούλη, Ν. Παπαδόπουλος, Π.. Σούπιος, Ε. Παπαδόπουλος, 'Διεπιστημονική προσέγγιση του παλαιοπεριβάλλοντος στο Ίστρον, κόλπου Μιράμπελλο, Αν. Κρήτης', Πρακτικά 5ου Συμποσίου Αρχαιομετρίας 8-10 Οκτωβρίου 2008, Αθήνα
41. K.Pavlopoulos, K.Theodorakopoulou, Y.Bassiakos, B.Hayden, M.Tsourou M.Triantaphyllou, K.Kouli, D.Vandarakis, 'Paleoenvironmental evolution of Istron (N.E Crete), during the last 6.000years: depositional environment, climate and sea level changes', Geodinamica Acta, 20/4, 2007 219-229
42. K.Theodorakopoulou, K.Pavlopoulos, T.Tsourou, M.Triantafyllou,K.Kouli, D.Vandarakis , Y.Bassiakos, B.Hayden, Coastal changes and human activities at Istron-Kalo Chorio (N.E Crete) during the Upper Holocene, Revista de geomorphologie, v.7, 2005, 21-31
43. Κ.Παυλόπουλος, Κ.Θεοδωρακοπούλου, Β.Ηayden, Τ.Τσουρού, Μ.Τριανταφύλλου, Κ.Κούλη, Ι.Μπασιάκος, Δ.Βανδαράκης Δ, Γεωμορφολογική εξέλιξη της παράκτιας περιοχής του Ίστρου-Καλού

- Χωριού του νομού Λασιθίου Κρήτης από το Μέσο Ολόκαινο μέχρι σήμερα, Δελ. Ελλ. Γεωλ. Εταιρ., τομ. XXXVIII 54-68, 2005
44. P. Theodorakopoulos, K. Theodorakopoulou, 'Investigation of the erythematous ultraviolet trends in the greater Greece area: implications to human health', *International Journal of remote sensing*, vol.26, n.16, 2005, 3545-3554
 45. Y. Bassiakos and K. Theodorakopoulou, 'Metallic and other remains from the excavations at Pyrgouthi Berbati, Argolid: technological and analytical investigation' in *Pyrgouthi, a rural site in the Berbati valley from the Early iron age to Late antiquity*, eds by J. Hjalmarsson, A. Penttinen, B. Wells, Stockholm, 2005, 267-277
 46. C. Varotsos and K. Theodorakopoulou, 'State-of-the-art in the research of environmental and operational influences on degradation cultural heritage in Greece', *European Research on cultural heritage, State of the Art Studies*, eds Milos Drdacky, vol.2, 2004, 209-222
 47. K. Theodorakopoulou, 'The nutritional habits in prehistoric Cyprus: 7.000-2.300BC', *Proceedings of the International Conference 'Traditional Mediterranean diet: Past, Present and Future'*, 21-23 April 2004, 29-34.
 48. Μπασιάκος Ι., Θεοδωρακοπούλου Κ., 'Αναλυτική μελέτη ηφαιστειακής τέφρας από την περιοχή Θεολόγου Ρόδου' Τιμητικός τόμος στο πλαίσιο του προγράμματος *Obsidian Studies on Yali Island (Dogecannese, Aegean)*, 2004, 1-7

CONFERENCE PRESENTATIONS (INVITED & CONTRIBUTED)

- 49) K. Theodorakopoulou, M. Ghilardi, C.D Athanassas, C. Delhon, Radiocarbon dating of a hearth layer beneath the Minoan eruption deposits at Akrotiri, Santorini, 8th ARCH-RNT, in memoriam Nikolaos Zacharias, Archaeological research and new technologies, Kalamata, 3-6 October 2024.
- 50) D. Krommyda, K. Theodorakopoulou, Examining climatic events, diseases, and ritual practices within pre-Columbian civilizations through a bioarchaeological perspective, 24th European Meeting of Paleopathology Association, Leiden, 21-24/8/2024, The Netherlands.
- 51) K. Theodorakopoulou, F. Mavridis, A. Papadea, M. Perraki, G. Polymeris, N. Zacharias, E. Palamara, C. D. Athanassas, Provenance studies of stone tools from the Mesolithic Kouvaras cave in Attica, Greece, 7th ARCH_RNT Archaeological Research and New Technologies, 6-8 October, 2022, Kalamata, Greece.

- 52) Κατερίνα Θεοδωρακοπούλου, Μαρία Βαϊοπούλου, Κωνσταντίνος Σταμούλης, Κωνσταντίνος Αθανασάς, Οι Μυκηναίοι στην Δυτική Θεσσαλία : Προκαταρκτική χρονολόγηση προϊστορικής κεραμικής από τον οικισμό της Εποχής Χαλκού στη θέση «Ασβεσταριά» Πετρωτού Τρικάλων, με τη μέθοδο της θερμοφωταύγειας. 7ο Αρχαιολογικό Έργο Θεσσαλίας και Στερεάς Ελλάδας 2018-2021, Από τους Προϊστορικούς στους Νεώτερους χρόνους, 3-5 Ιουνίου, 2022, Βόλος.
- 53) Hassan Fazeli Nashli, Katerina Theodorakopoulou, Kostas Stamoulis, Constantin Athanassas, Hamid Nazari , Sepideh Jamshidi Yeganeh , Jebraeil Nokandeh. An updated chronology of Tepe Sialk in Iran, based on OSL and C14 dating, Third International Congress on Archaeological Sciences in the Eastern Mediterranean and the Middle East, 14-18 March 2022, Cyprus.
- 54) K. Theodorakopoulou, K. Kyriakopoulos, E. Galanopoulos, The Hiera eruption (197 BC) of Santorini : first evidence in speleothem archives, 6TH ARC RNT, Archaeological research and new technologies, Kalamata, 8-10 October, 2020.
- 55) Matthieu Ghilardi, Jordi Revelles, Arthur Glais, Katerina Theodorakopoulou, Tatiana Theodoropoulou, Laurent Lespez, Fausto Longo, Amedeo Rossi, New data for reconstructing landscape change in the Western Plain (Phaistos, Crete, Greece) from the Geometric period to Early Byzantine times: assessing shifts in human land-use and the impact of climate changes, Regional Conference On Geomorphology Athens, 19-20 September 2019.
- 56) K.Theodorakopoulou, K. Kyriakopoulos, C..D.Athanassas , Ag. Galanopoulos, G.Economou , F. Mavrides , A. Darlas, Radiocarbon- dating on a volcanic eruption signature in speleothems of Santorini, 15th International Congress of the Geological Society of Greece, 22-24 May 2019.
- 57) K. Theodorakopoulou, K. Kyriakopoulos, K.Stamoulis, M. Rizza, R. Sulpizio, M. C. Alçiçek, C. D. Athanassas, Did the Minoan eruption influence the vicinity of Santorini? OSL dating constraints on pyroclastic deposits on Anafi island, Cyclades, Greece, 15th International Congress of the Geological Society of Greece, 22-24 May 2019.
- 58) K. Theodorakopoulou, C.D.Athanassas, M. C. Alçiçek, Exploring the palaeohydrological effects of the Thera eruption, International Conference ‘New technologies, hazards and geoarchaeology’, Athens, 3 November 2017.
- 59) K. Theodorakopoulou, K. Kyriakopoulos , C. D. Athanassas, Th. Papaioannou, E. Theodorakopoulou, M. Karamanou, Assessment of health effects by ancient volcanic eruptions from human remains: potential and prospects, International Conference on History of Medicine “Ancient Greek and Indian Medicine: Achievements and Interactions’, 6th June 2017, Crete.

- 60) K. Pavlopoulos, D. Vandarakis, A. Leontaritis, C. Athanassas, L. Stamatopoulos, K. Nikolakopoulos, K. Theodorakopoulou, Glacial and karstic processes as main driving forces of the landscape evolution in Ano Loussoi polje, Mount Chelmos, North Peloponessus, Greece, 33rd International Geographical Congress, Beijing, 21-25 August 2016, China.
- 61) C. Athanassas, L. García Sanjuan, K. Theodorakopoulou, G. Guerin, M. Jain, J. Antonio Lozano Rodríguez, The potential of optically stimulated luminescence (OSL) in the dating of the megalithic structures of Antequera, Málaga, Spain, III CONGRESO DE PREHISTORIA DE ANDALUCÍA: I+D+i en la Prehistoria del sur peninsular. 22-24 de octubre de 2014
- 62) K. Theodorakopoulou, C. Athanassas, Y. Bassiakos, Geoarchaeological studies at the Hellenistic necropolis of Kamara in NE Crete: The timeline of a riverbed diversion, Geomedislands, The Geoarchaeology of the Mediterranean Islands, IESC, Cargese, 30 June-2 July 2015, Corsica.
- 63) K. Theodorakopoulou, C. Athanassas, Y. Bassiakos, G. Schukraft, M. Forbriger, S. Hecht, B. Mächtle, G.A. Wagner – A geoarchaeological approach for the localization of the prehistoric harbour at Akrotiri, Thera., Digital Geoarchaeology New Technologies for Interdisciplinary Human-Environmental Research, 7.-8. November 2013, Heidelberg. (invited speaker)
- 64) L. Galani, G. Kritikos, K. Theodorakopoulou, A. Skentos, K. Pavlopoulos, GIS as an educational tool: Mapping cultural sites in Greek space-time, 13 International Geological Conference, 5-8 September 2013, Chania, Greece
- 65) L. Galani, G. K. Theodorakopoulou, Kritikos, , A. Skentos, K. Pavlopoulos, 'Sharing the past with students: teaching geography and history through digital palaeogeography', International Conference of Geomorphology, Paris, 27-29 August 2013
- 66) L. Galani, K. Theodorakopoulou, A. Skentos, G. Kritikos, K. Pavlopoulos, Sharing the past with students: Teaching Geography and History through Digital Palaeogeography., Geographical Association Annual Conference and Exhibition , University of Derby, 4-6 April 2013
- 67) A. Skentos, K. Pavlopoulos, L. Galani, K. Theodorakopoulou, G. Kritikos. Teaching geography and history through GIS. Application on Greek cultural sites. Geophysical research abstracts, vol. 15, 6809, EGU General Assembly, 2013
- 68) K. Theodorakopoulou, Y. Bassiakos, C. Athanassas, M. Forbriger, S. Hecht, B. Mächtle, G. Schukraft, G.A. Wagner, Ch. Doumas. Trying to localize the prehistoric harbour at Akrotiri, Thera, by geoarchaeological methods, World Archaeological Conference, 13-18 January 2013, Jordan

- 69) K. Theodorakopoulou, Y. Bassiakos, C. Athanassas, Ch. Doumas, A geoarchaeological study for the localization of the prehistoric harbour at Akrotiri, Thera, 39th International Symposium on Archaeometry, Leuven, The Netherlands, 28 May-1 June 2012
- 70) Theodorakopoulou K, Geoarchaeological Studies in Istron-Kalo Chorio (Gulf of Mirabello- Eastern Crete): Palaeoenvironmental Reconstruction and Palaeogeographic Evolution., Fieldwork and Research at Priniatikos Pyrgos and Environs 1912 – 2012, May 31, 2012
- 71) Pavlopoulos K. , Kapsimalis V., Theodorakopoulou K., Panagiotopoulos I.P., ‘Assessment of the Holocene vertical displacement trend in the Aegean coastal zone through the consideration of markers/indicators of RSL change’, SLALOM 2012, 19-21 March 2012, Athens
- 72) K. Theodorakopoulou, C. Athanassas, "Optically Stimulated Luminescence dating of alluvial infills at a Roman necropolis in NE Crete: the timeline of a riverbed diversion ", 13th International Conference on Luminescence and Electron Spin Resonance Dating, 10-14 July 2011, Toruń, Poland.
- 73) C. Tzanis, C. Varotsos, J. Christodoulakis and K. Theodorakopoulou, ‘Impacts of the climate characteristics on materials; an overview of the ICP materials activities in Athens, Greece’, International Symposium on Kaz Mountains (Mount Ida) and Edremit -Global Change in the Mediterranean Region, May 5-7, 2011, Edremit-Turkey.
- 74) K.Theodorakopoulou, K. Pavlopoulos, Y. Bassiakos, N Zacharias, ‘Geoarchaeological investigations in Istron, Gulf of Mirabellum, E. Crete: Evaluation of sedimentation rate and correlation with Holocenic climatic phases’, 2nd International Symposium Archaeological research and new technologies, 21-23 October, Kalamata, 2010.
- 75) C. Siart, M. Forbriger, M. Ghilardi, K. Theodorakopoulou, Use of terrestrial laserscanning in karst geomorphology:applications and potentials, Arbeitskreis Fernerkundung, Jahrestagung 07.-08.10.2010, Germany.
- 76) K. Theodorakopoulou, K. Pavlopoulos, Y. Bassiakos, N. Zacharias, C. Athanassas, ‘The contribution of geoarchaeological methods to the paleoenvironmental evolution of the coastal area of Istron (N.E Crete) during Holocene’, International Colloquium on Geoarchaeology, Landscape archaeology, Egypt and the Mediterranean world, Cairo, 19-21 September 2010.
- 77) Pavlopoulos K., Kapsimalis V. and Theodorakopoulou K, ‘Geoarchaeological challenges and relative sea level changes in Aegean coastal areas during holocene’, International Geobiology Conference, 3-6 June, Wuhan, China, 2010.

- 78) G. Apostolopoulos, K. Pavlopoulos, J. Basiakos, K. Leontarakis, D. Baltoukas and K. Theodorakopoulou, Geophysical investigation for the detection of stratigraphy in an area of Agios Nikolaos City, Crete, 5th Congress of Balkan Geophysical Society, 10 May 2009, Belgrade, Serbia.
- 79) Κ. Θεοδωρακοπούλου, Κ. Παυλόπουλος, Γ. Αποστολόπουλος, Ι. Μπασιάκος, Ν.Ζαχαριάς, ‘ Γεωμορφολογικές και γεωαρχαιολογικές έρευνες στην περιοχή Ξηροποτάμου Αγίου Νικολάου Κρήτης’, 3η Συνάντηση Ελλήνων Γεωμορφολόγων, 24 Οκτωβρίου 2008, Γεωλογικό Παν/μίου Αθηνών, Αθήνα
- 80) B. Hayden, Ι. Μπασιάκος, Α. Σαρρής, Ν. Ζαχαριάς, Κ. Παυλόπουλος, Κ. Θεοδωρακοπούλου, Κ.. Αθανασάς, Μ.Τριανταφύλλου, Κ. Κούλη, Ν.Παπαδόπουλος, Π.. Σούπιος, Ε. Παπαδόπουλος, ‘Διεπιστημονική προσέγγιση του παλαιοπεριβάλλοντος στο Ίστρον, κόλπου Μιράμπελλο, Αν. Κρήτης’ 5ο Συμπόσιο Αρχαιομετρίας, 8-10 Οκτωβρίου 2008, Αθήνα
- 81) Κ.Θεοδωρακοπούλου, Σ. Αποστολάκου, Ν.Ζαχαριάς, Κ.Παυλόπουλος, Γ. Αποστολόπουλος, Α. Νικάκης, Ι Μπασιάκος, ‘Γεωαρχαιολογικές έρευνες στο νεκροταφείο της αρχαίας Καμάρας, Άγιος Νικόλαος Κρήτης’, 5ο Συμπόσιο Αρχαιομετρίας, 8-10 Οκτωβρίου 2008, Αθήνα
- 82) K. Theodorakopoulou, K. Pavlopoulos, M. Triantafyllou, Y.Bassiakos, N. Zacharias, B.Hayden, K.Kouli, M.Tsourou, S. Katsiadramis, D.Vandarakis, ‘Geoarchaeological studies in the coastal area of Istron-Kalo Chorio (Gulf of Mirabello-Eastern Crete): Landscape evolution and paleoenvironmental reconstruction’ Lanscape evolution and Geoarchaeology, 13th Belgium-France-Italy-Romania geomorphological meeting, 18-21 June 2008, Porto Heli, Greece
- 83) N.Zacharias, Y.Bassiakos, V.Kilikoglou, K.Theodorakopoulou, ‘Luminescence study of steatite formations: properties and perspectives’, 15th Inter. Conference on Solid State Dosimetry, 8-13 July 2007, the Netherlands.
- 84) Y. Bassiakos, B. Hayden, A. Sarris, N. Zacharias, K. Pavlopoulos, C. Athanassas, K.Theodorakopoulou, K. Kouli, M. Triantaphyllou, ‘Contribution to the environmental history of the archaeological area of Istron (E. Crete, Aegean)’, 36th International Symposium on Archaeometry (ISA 2006), 1-7 May, Quebec, Canada
- 85) K.Pavlopoulos, K. Theodorakopoulou, Y.Bassiakos, B.Hayden, T.Tsourou, M.Triantaphyllou, K.Kouli, D.Vandarakis, ‘Paleoenvironmental reconstruction of the coastal area of Istron-Kalo Chorio (NE Crete, Greece) during the Upper Holocene: preliminary results’, 6th International Conference on Geomorphology, Zaragoza, 2005

- 86) K. Theodorakopoulou, K.Pavlopoulos, T.Tsourou, M.Triantaphyllou, K.Kouli, D.Vandarakis, Y.Bassiakos, B.Hayden, 'Coastal changes and human activities at Istron, during the last 6.000 years', Xth Romanian-Franco-Belgian geomorphological meeting Geomorphology & Environment, 8-12 June 2005, Romania
- 87) K.Theodorakopoulou, 'The nutritional habits in prehistoric Cyprus: 7.000-2.300BC', Proceedings of the International Conference 'Traditional Mediterranean diet: Past, Present and Future', 21-23 April 2004, Athens
- 88) N. Drivaliari N., I. Liritzis, A. Sampson, K. Theodorakopoulou and I. Bassiakos, 'Middle Holocene climatic variation inferred from oxygen and carbon isotopic fluctuations in prehistoric Aegean mollusk shells, correlated to cultural phases', 4th Symposium of Archaeometry, Athens, 28-31 May, 2003.
- 89) N.Drivaliari, I.Liritzis, A.Sampson, K.Theodorakopoulou, I.Bassiakos, 'Indicative paleoclimatic variation during the Greek Mesolithic to Neolithic from isotopic data and correlation with cultural phases', Inter. Conference 'Settlers and settlements in Greece 9000-1000BC', Rhodes, 7-11 October 2002
- 90) K.Theodorakopoulou, 'The ancient quarries of Pentelikon mountain and the transportation of marbles from the quarry to the Acropolis hill', 3rd Meeting of the MULTI-ASSESS project, 14-15 October, Athens, 2002
- 91) C. Varotsos and K. Theodorakopoulou, 'State-of-the-art in the research of environmental and operational influences on degradation cultural heritage in Greece', ARIADNE 6 Workshop, 22-26 October, Prague, 2001

BOOKS / MONOGRAPHS

- 1) Book authoring ***"Introduction to the Stone Age: Archaeology and Palaeoenvironment in the Societies of the Eastern Mediterranean"***, Open Academic Textbooks – Kallipos – NTUA, 2023 (212 pages).
<https://repository.kallipos.gr/handle/11419/9310>
- 2) Chapter author in a book titled ***"Lithic Tools and Sediments: Archaeometric Approaches and Analyses"*** within the collective volume "ARCHAEOMETRY: Absolute Datings and Analyses", Papazisis Publications, December 2022 (66 pages)

- 3) Book authoring "***Human History Written in Stone: The Stone Age and Geoenvironment***", Kardamitsa Publications, 2020 (436 pages)
- 4) "***Introduction to the Stone Age***", Course Notes for the Athens School of Tourist Guides, March 2020 (143 pages)
- 5) "***Potential Sources of Copper and Tin During the Bronze Age in the Southern Aegean***". Monograph-Dissertation, Department of Geology, National and Kapodistrian University of Athens (NKUA), 2014 (60 pages).
- 6) "***The Impact of Environmental Conditions on the Palaeogeographical Evolution of Archaeological Sites and the Preservation of their Remains***". Harokopio University, Department of Geography, Doctoral Dissertation (PhD Thesis), 2009.

TEACHING EXPERIENCE

- **Lecturer (Distance Learning Tutor)** at the Postgraduate (Master's) Program "*Mapping and Documentation of Monuments and Archaeological Sites*", Hellenic Open University (HOU). Taught the course *Archaeometry* (October 2024 – July 2026).
- **Lecturer (Distance Learning Tutor)** at the Hellenic Open University (HOU), Department of Hellenic Culture. Subject taught: *Archaeology in Greece* (October 2020 – July 2022).
- **Adjunct Lecturer (holding an Assistant Professor position** following an official evaluation/election) at the Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese. Taught the following undergraduate courses during the Fall and Spring semesters: a) *Introduction to Archaeometry*, b) *Archaeomaterials*, c) *Special Topics in Archaeometry – Laboratory*, and d) *Cultural Materials and New Technologies*.
- **Lecturer** at the Postgraduate (Master's) Program "*Cultural Heritage Materials & Technologies*", Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese (Spring semester, 2022, 2023, 2024).

- **Lecturer** at the Athens School of Tourist Guides. Teaching the course *Prehistoric Archaeology* (February 2020 – present).
- **Lecturer** at the Department of History, Archaeology and Social Anthropology, University of Thessaly. Taught the undergraduate course *Geoarchaeology* (February 2021 – July 2021).
- **Lecturer** at the Department of History, Archaeology and Social Anthropology, University of Thessaly (October 2018 – present). Taught the undergraduate courses: *Introduction to Archaeometry*, *Prehistoric Archaeology with emphasis on the Stone Age*, and *The Stone Age and Geoenvironment*.
- **Lecturer (Distance Learning Tutor)** at the Hellenic Open University (HOU), Department of Hellenic Culture. Subjects taught: *Introduction to Hellenic Culture* and *Archaeology in Greece* (October 2017 – July 2019).
- **Lecturer (under Presidential Decree 407/80)** at the Department of History, Archaeology and Social Anthropology, University of Thessaly (February 2017 – July 2017). Taught the undergraduate course *Prehistoric Archaeology with emphasis on the Stone Age*.
- **Postdoctoral Research Fellow and Scientific Associate** at the Department of Geology and Geoenvironment, Sector of Mineralogy and Petrology (October 2015 – present). Deliver a series of invited lectures within the framework of the *Volcanology* course.

LABORATORY EXPERIENCE

- **Luminescence Dating Techniques:** Optically Stimulated Luminescence (OSL) using RISØ TL/OSL readers (Laboratory of Archaeometry, National Center for Scientific Research "Demokritos").
- **Scanning Electron Microscopy (SEM) and EDX microanalysis**, with emphasis on surface corrosion studies of ancient materials (Laboratory of Archaeometry, National Center for Scientific Research "Demokritos").
- **X-ray Fluorescence Spectroscopy (XRF) analysis** (Laboratory of Archaeometry, National Center for Scientific Research "Demokritos").
- **Optical Microscopy.**

RESEARCH PROJECTS

1. **1997–1998:** Research Associate in the project "*Kythnos Project for the Aegean Archaeometallurgy*", Laboratory of Archaeometry. Funded by the Institute for Aegean Prehistory (INSTAP), USA, and successfully implemented in collaboration with the 21st Ephorate of Prehistoric and Classical Antiquities of the Cyclades.
2. **2000–2003:** Research Associate in the project "*Obsidian Studies on Yali Island (Dodecanese, Aegean)*", Laboratory of Archaeometry. Funded by "LAVA" Mining Co, S.A.
3. **2002–2004:** Research Associate in the European Union (EU) funded project "*Model for multi-pollutant impact and assessment of target levels*", Laboratory of Atmospheric Physics, University of Athens (NKUA). Focus: The impact of atmospheric pollution on monuments.
4. **2004–2006:** Research Associate in the European Union (EU) funded project "*UN/ECE ICP Materials degradation programme*", Laboratory of Atmospheric Physics, University of Athens (NKUA). Focus: The impact of atmospheric pollution on monuments.
5. **2002–2007:** Research Associate in the project "*Palaeoenvironmental Evolution at Istron Valley, Eastern Crete*", Laboratory of Archaeometry. Funded by the Institute for Aegean Prehistory (INSTAP), USA, in collaboration with the University of Pennsylvania Museum.
6. **2005–2006:** Research Associate in the "Pythagoras II" Research Program, funded by the Greek Ministry of Education. Project: "*Formation of authigenic carbonate minerals in Greek Upper Pleistocene palaeolakes*".
7. **2005–May 2009:** Research Fellow in the "PENED-2003" Project (Co-funded by the European Commission and the General Secretariat for Research and Technology - GSRT / Ministry of Development). Project: "*New technologies in cultural development: Mycenaean metallurgy in the southern Peloponnese and reconstruction of the ancient landscape in eastern Crete*".
8. **June 2010–2013:** Research Associate in the F.I.R. international research project: "*Ruptures et transitions dans les îles de Méditerranée orientale (Eubée, Crète, Chypre) à l'Holocène : entre mutations paysagères et dynamiques de peuplement*" [Ruptures and transitions in the islands of the Eastern Mediterranean (Euboea, Crete,

Cyprus) during the Holocene: between landscape mutations and settlement dynamics].

In collaboration with Aix-Marseille Université and CEREGE-CNRS, France.

9. **November 2010–2013:** Active involvement in proposal drafting and project management for the GSRT-funded research project "Synergasia 2009" [Cooperation 2010-2013]. Project: *"Digital Palaeogeography. Palaeogeographical reconstruction of archaeological sites in Greece on a digital platform for educational use"*.
10. **October 2011–October 2012:** Principal Investigator / Research Fellow, Individual Research Grant awarded by the Foundation for Education and European Culture (IPEP). Project: *"In search of the prehistoric harbor of Akrotiri, Thera, and the impact of the 1620 BC volcanic eruption on the wider region"*.
11. **2011–2015:** Administrative Support and Contribution to Dissemination Activities for the pan-European project *"NARNIA: New Archaeological Research Network for Integrating Approaches to ancient material studies"* (ITN / Marie Curie Actions), implemented at the National Center for Scientific Research "Demokritos".
12. **2012–2014:** Research Associate in the "Envi-MED Mistrals" research project: *"Absolute dating of Mediterranean archaeological sites with OSL & CRE"*.
13. **2014:** Research Associate in the GSRT-funded research project: *"Investigation of the impacts of atmospheric pollution on the cultural environment"*, Laboratory of Atmospheric Physics, University of Athens (NKUA).
14. **2014:** Research Associate in *"The Eastern Badia (Jordan) Archaeological Project"*, Whitman College, USA, implemented in Jordan.
15. **2014–2017:** Research Associate in the research project *"Nature, Society and Monumentality: High Resolution Archaeological research of the Antequera Megalithic Landscape (Spain)"* (Project Code: HAR2013-45149-P), University of Seville, Spain.
16. **August 2016–September 2018:** Principal Investigator / Research Fellow, Individual Research Grant awarded by the Foundation for Education and European Culture (IPEP). Project: *"Mycenaean Aipeia: In search of the landfall of the returning Argonauts"*.
17. **2017:** External Research Associate in the Department of Philosophy and History of Science (MITHE) project: *"Provision of Digitization Services and Material Formatting for Web Utilization for entities in Geographical Area 1 (1st Executive Contract)"*, funded by the Ministry of Culture and Sports.

18. **2017:** External Research Associate in the "EnviMed-Mistrals" (CNRS / Aix-Marseille University) research project: *"Study of the interaction between the Holocene palaeoenvironment and prehistoric man in the circum-Mediterranean basin (Canary Islands – Cyclades)"*.
19. **February 2017–February 2019:** Principal Investigator (PI) in the project: *"Minoan eruption of Thera: trapped volcanic aerosols as indicators of palaeoenvironmental conditions in the Aegean during the Late Bronze Age"*. State Scholarships Foundation (IKY) Postdoctoral Fellowship.
20. **March 2020–present:** External Associate in the *"Geoarchaeological study of a Mesolithic cave in Kouvaras, Attica"*, in collaboration with the Ephorate of Palaeoanthropology-Spelaology.
21. **[Active/Recent Project]:** Principal Investigator (PI) in the project: *"Assessing the palaeoenvironmental effects of the Late Bronze Age (Minoan) eruption of Santorini on the Aegean and Eastern Mediterranean, through advanced geoarchaeological and archaeometric techniques"*. Hellenic Foundation for Research and Innovation (H.F.R.I. / ΕΛΙΔΕΚ) Research Projects for Postdoctoral Researchers 2019 (Proposal evaluation score: 90/100).
22. **2018–present:** External Associate in the project: *"Geoarchaeological – archaeometric studies at the Proto-Elamite site of Tepe Sialk, Iran"*, within the framework of research collaboration with the University of Tehran.
23. **2021–2022:** Principal Investigator and Author in the Open Academic Textbooks Action – "Kallipos" – NTUA. Project: *"Introduction to the Stone Age: Archaeology and Palaeoenvironment in the Societies of the Eastern Mediterranean"* (Book Authoring).
24. **2021:** External Associate in the research project *"Development of innovative technologies and methodologies for the promotion and protection of cultural heritage monuments"*, implemented under the action "RESEARCH – CREATE – INNOVATE (2nd Cycle)", Project Code: T2EAK-01894.
25. **November 2021–May 2022:** Postdoctoral Fellow in analytical techniques in Archaeometry, under the "ARISTEAS" (Advancing Research Infrastructure & Scientific Techniques in Archaeological Science) research fellowship, Laboratory of Archaeometry, University of the Peloponnese.

26. **2022–present:** External Associate in the project "*Archaeological and Interdisciplinary Surface Research on the Shoreline and Submerged Palaeocoastlines of Cephalonia Island along the Sykia-Skala-Lourdata Coastal Area*". Project Director: Professor Evgenia Giannouli, University of the Peloponnese.
27. **2019–present:** External Associate in the "*Petroto Archaeological Project*" (*Pe.Ar.P*). Project Director: Dr. M. Vaiopoulou, Head of the Ephorate of Antiquities of Karditsa.
28. **[Active/Recent Project]:** External Associate in the research project "*DrérEAUs - Eau et ressources à Dréros : restitution des paysages naturel et urbain d'un site collinéen de Crète orientale, de l'époque géométrique à la période hellénistique (VIIIe-IIe s. av. J.-C.)*" [Water and resources at Dreros: reconstruction of the natural and urban landscapes of a hilltop site in eastern Crete, from the Geometric to the Hellenistic period (8th-2nd c. BC)], Aix-Marseille Université – CEREGE, France. Project Director: Dr. Mathieu Ghilardi. Role / Duties: Archaeological research and geoarchaeological study.

EXCAVATION & FIELDWORK EXPERIENCE

- **1997 & 1999:** Participated for two excavation seasons in the fieldwork conducted at the Paleolithic "**Kalamakia**" Cave in Areopolis, Laconia, by the Ephorate of Palaeoanthropology-Spelaology in collaboration with the Department of Archaeology of the University of Athens (NKUA) and the Laboratory of Prehistory of the National Museum of Natural History (MNHN) in France, under the direction of Dr. A. Darlas. During the 1999 season, I was officially employed by the Ephorate of Palaeoanthropology-Spelaology under a monthly contract.
- **July 1998:** Participated in the conservation, classification, and documentation of archaeological material excavated from the "Kalamakia" Cave (Areopolis, Laconia), conducted at the laboratories of the Ephorate of Palaeoanthropology-Spelaology.
- **July 2001 & 2002:** Participated in the University of the Aegean excavation at the Neolithic site of **Ftelia, Mykonos**, under the direction of Professor of Archaeology A. Sampson.
- **September 2001:** Participated in the University of the Aegean excavation at the Mesolithic site of **Maroulas, Kythnos**, under the direction of Professor of Archaeology A. Sampson.

- **Summer 2014:** Participated in the archaeological surface survey of *"The Eastern Badia (Jordan) Archaeological Project"* (Whitman College, USA), conducted in the Black Desert of Jordan.

GEOARCHAEOLOGICAL RESEARCH & STUDIES

- **March 2020–present:** *Geoarchaeological study of the Mesolithic cave in Kouvaras, Attica*, conducted in collaboration with the Ephorate of Palaeoanthropology-Spelaology.
- **2019–present:** *Geoarchaeological and archaeometric research* as an External Associate in the "Petroto Archaeological Project" (Pe.Ar.P) in Karditsa.
- **2018–present:** *Geoarchaeological and archaeometric studies at the Proto-Elamite site of Tepe Sialk, Iran*, within the framework of research collaboration with the University of Tehran.
- **2022–present:** *Interdisciplinary and geoarchaeological survey* as an External Associate in the project *"Archaeological and Interdisciplinary Surface Research on the Shoreline and Submerged Palaeocoastlines of Cephalonia Island along the Sykia-Skala-Lourdata Coastal Area"*, directed by Professor Evgenia Giannouli (University of the Peloponnese).
- **2017–2019:** *"Minoan eruption of Thera: trapped volcanic aerosols as indicators of palaeoenvironmental conditions in the Aegean during the Late Bronze Age"*, Postdoctoral Research project funded by the State Scholarships Foundation (IKY).
- **2017:** *Study of the interaction between the Holocene palaeoenvironment and prehistoric man in the Canary Islands*, carried out within the framework of the "EnviMed-Mistrals" (CNRS / Aix-Marseille University) research project.
- **2016–2017:** *"Mycenaean Aipeia: In search of the landfall of the returning Argonauts"*, carried out under an individual research grant funded by the Foundation for Education and European Culture (IPEP).
- **2012–2014:** *"Dating of prehistoric geoglyph monuments in the Black Desert of Jordan"*, carried out as an External Associate within the "Envi-MED Mistrals"

research project (*Absolute dating of Mediterranean archaeological sites with OSL & CRE*).

- **2012–2014:** *"Dating of megalithic monuments of the Iberian Peninsula"*, carried out as an External Associate within the "Envi-MED Mistrals" research project (*Absolute dating of Mediterranean archaeological sites with OSL & CRE*).
- **2011–2012:** *"In search of the prehistoric harbor of Akrotiri, Thera, and the impact of the 1620 BC volcanic eruption on the wider region"*, carried out under an individual research grant funded by the Foundation for Education and European Culture (IPEP).
- **2011–2013:** *"Palaeogeographical reconstruction of archaeological sites in Greece on a digital platform for educational use"*, carried out as a Postdoctoral Researcher within the GSRT-funded research project "Synergasia 2009" (Project focus: Digital Palaeogeography).
- **2010–2013:** *"Geoarchaeological research in the Kritsa area, Eastern Crete"*, carried out as a Postdoctoral Researcher within the F.I.R. international project *"Ruptures et transitions dans les îles de Méditerranée orientale (Eubée, Crète, Chypre) à l'Holocène : entre mutations paysagères et dynamiques de peuplement"*, in collaboration with Aix-Marseille Université and CEREGE-CNRS, France.
- **2005–2009:** *"Geoarchaeological research at the cemetery of Ancient Kamara in the area of Agios Nikolaos, Crete"*, carried out within the framework of my Doctoral Dissertation (PhD Thesis).
- **2005–2009:** *"Geoarchaeological research and palaeoenvironmental reconstruction of the Istron archaeological site, Eastern Crete"*, carried out within the framework of my Doctoral Dissertation (PhD Thesis).

INVITED SPEAKER / INVITED LECTURES

- **[Specific Dates/Years]:** Delivered lectures on geoarchaeology and archaeometry within the framework of undergraduate courses at the Department of History, Archaeology and Cultural Resources Management in Kalamata (University of the Peloponnese).

- **December 2010:** Invited Speaker at the Department of Geography, University of Heidelberg, Germany. Topic: *"Geoarchaeological investigations in Istron, N.E. Crete"*.
- **May 2011:** Invited Speaker at the CEREGE-CNRS Research Center (Aix-en-Provence, France) within the framework of the center's seminar series. Topic: *"Geoarchaeological studies in Northeastern Crete (Greece): Palaeoenvironmental evolution and human interactions"*.
- **November 21–25, 2011:** Invited Speaker at the seminar organized within the framework of the NARNIA (Marie Curie Project) Training Course in *"Luminescence and other dating techniques"*.
- **June 1–2, 2012:** Invited Speaker at the conference celebrating 100 years of excavations at Priniatikos Pyrgos, Crete, organized by the University of Pennsylvania Museum and University College Dublin.
- **November 7–8, 2013:** Invited Speaker at the international conference *"Digital Geoarchaeology: New Technologies for Interdisciplinary Human-Environmental Research"*, Heidelberg, Germany.
- **June 6, 2017:** Invited Speaker at the Conference on the History of Medicine. Topic: *"Assessment of health effects by ancient volcanic eruptions from human remains: potential and prospects"*, Crete, Greece.
- **February 15, 2023:** Invited Speaker at the 42nd Training Seminar of the Association of Certified Tourist Guides. Topic: *"Turbulent Aegean & Missing Gods – Tracing the Impacts of the Minoan Eruption of Thera on the Civilizations of the Eastern Mediterranean"*, War Museum, Athens, Greece.
- **April 11, 2025:** Invited Speaker at the 18th Panhellenic Conference on the History of Medicine. Topic: *"Palaeopathology and Common Diseases in the Neolithic Era: References to Sites in Greece"*, Athens, Greece.
- **June 4–5, 2026:** Invited Speaker at the 11th Two-Day Conference on Environmental History *"Mediterranean Agricultural Landscapes"*, organized by the Institute of Historical Research of the National Hellenic Research Foundation (IHR/NHRF). Topic: *"Agricultural Landscapes and Human Impact during the Early Holocene: A Geoarchaeological Perspective"*, Piraeus Bank Group Cultural Foundation (PIOP), Greece.

POSTDOCTORAL ACTIVITY & FURTHER TRAINING

- **June 2009:** Intensive training in Optically Stimulated Luminescence (OSL) dating at the Laboratory of Archaeometry, University of Heidelberg, Germany.
- **September 21–26, 2010:** Participated in the Geoarchaeology Training School held in Luxor, Egypt.
- **May 2011:** Research collaboration on laser granulometry (laser diffraction particle size analysis) at the Physical Geography Laboratory of CEREGE-CNRS, Aix-en-Provence, France.
- **November 2017–February 2018:** 3-month Professional Training Seminar on "*Open and Distance Adult Education*", Hellenic Open University (HOU).
- **November 18, 2019–March 15, 2020:** Postgraduate Certificate (300-hour Short Study Program) in Teacher and Adult Educator Training, titled "*Integrated Teaching Methodology: Learning Content, Educational Methods, and Motivation*", Hellenic Open University (HOU).
- **April–May 2020:** Postgraduate Certificate (50-hour seminar) titled "*Introduction to Special Education*", University of the Aegean.
- **November 2021–May 2022:** Postdoctoral training in analytical techniques in Archaeometry, under the "ARISTEAS" (*Advancing Research Infrastructure & Scientific Techniques in Archaeological Science*) research fellowship, Laboratory of Archaeometry, University of the Peloponnese.
- **May–July 2024:** Certificate of Professional Training for Tourist Guides (240-hour Accelerated Training Program), Department of History and Archaeology, Aristotle University of Thessaloniki (AUTH).

SCHOLARSHIPS & FELLOWSHIPS

- **2005–2008:** Doctoral Research Fellowship, "PENED-2003" Project (Co-funded by the European Commission and the General Secretariat for Research and Technology - GSRT / Ministry of Development). Project: *"New technologies in cultural development: Mycenaean metallurgy in the southern Peloponnese and reconstruction of the ancient landscape in eastern Crete"*.
- **October 2011–October 2012:** Postdoctoral Research Grant, Foundation for Education and European Culture (IPEP). Project: *"In search of the prehistoric harbor of Akrotiri, Thera, and the impact of the 1620 BC volcanic eruption on the wider region"*.
- **August 2016–September 2017:** Postdoctoral Research Grant, Foundation for Education and European Culture (IPEP). Project: *"Mycenaean Aipeia: In search of the landfall of the returning Argonauts"*.
- **February 2017–February 2019:** Postdoctoral Fellowship, State Scholarships Foundation (IKY). Project: *"Minoan eruption of Thera: trapped volcanic aerosols as indicators of palaeoenvironmental conditions in the Aegean during the Late Bronze Age"*.
- **November 2021–May 2022:** Postdoctoral Research Fellowship in Archaeometry, "ARISTEAS" (Advancing Research Infrastructure & Scientific Techniques in Archaeological Science) program, Laboratory of Archaeometry, University of the Peloponnese.

INTERNATIONAL ACADEMIC & RESEARCH COLLABORATIONS

- University of Heidelberg, Department of Geography -Laboratory of Archaeometry & Laboratory of physical Geography (Prof. G. Wagner, Dr. C. Siart)
- CEREGE-CNRS- Centre Europeen de Recherche et d'enseignement des Geosciences de l'environnement, Aix-en province, (Dr. M. Ghilardi)
- University of Paris Est Creteil, Laboratory of Physical Geography (Prof.S. Cordier)

- Paris-Sorbonne University, Abu Dhabi. (Prof. K. Pavlopoulos, E. Fouache)
- American Center for Oriental Research (ACOR), Amman, Jordan (Prof. G. Rolefson)
- Department of Geological Engineering, Pamukkale University, Denizli, Turkey (Prof. C. Alicek).
- Departamento de Prehistoria y Arqueología, Universidad de Sevilla, Spain (Prof. L. García Sanjuan)
- Institut National des Sciences de l'Archéologie et du Patrimoine, Rabat, Morocco (Prof. Y. Bokbot).
- Conjunto Arqueológico Dólmenes de Antequera, Malaga, Spain.
- Department of Archaeology of Las Palmas, Gran Canaria (Prof. Amelia Menendez)
- Department of Archaeology, Faculty of Literature and Humanities, University of Tehran, Iran (Prof. H. Fazeli Nashli)

JOURNAL REVIEWER / EDITORIAL REVIEW

- Quaternary International (Elsevier)
- CNRS Éditions Alpha
- Journal of Applied Geography (Elsevier)
- The Holocene (SAGE Publishing)

GRANT & PROJECT PROPOSAL REVIEWER

- **French National Research Agency (ANR)** – Expert Reviewer for Research Project Proposals

PROFESSIONAL AFFILIATIONS & SCIENTIFIC MEMBERSHIPS

- International Working Group on Geoarchaeology
- Hellenic Society for Archaeometry (HSA)
- Hellenic Geographical Society (HGS)
- Museum of Cycladic Art (Member / Affiliate)
- Scientific Associate, Laboratory of the History of Medicine, University of Crete

CONFERENCE ORGANIZING COMMITTEES

- **2017:** Member of the Organizing Committee for the Conference on the History of Medicine, titled "*Ancient Greek and Indian Medicine: Achievements and Interactions*", June 6, 2017, Crete, Greece.

EDITORIAL BOARDS & SCIENTIFIC COMMITTEES

- Member of the Scientific Committee of the journal "*Themata Archaialogias*" (Issues in Archaeology).

SKILLS & COMPETENCES

- **GIS & Software:** ArcGIS 9 software applications.
- **Computer Literacy:** Excellent command of MS Office Suite (Word, Excel, PowerPoint, Access), Windows, and Internet browsing.
- **Certification:** IT Vellum Diploma – University of Cambridge.

Languages

- **English:** Full professional proficiency (Proficiency level).
- **French:** Intermediate / Independent user (DELF B2 level).
- **Spanish:** Elementary proficiency (Básico / A2 level).

