

**PANAGIOTIS (TAKIS) KARKANAS**  
**CURRICULUM VITAE**

Malcolm H. Wiener Laboratory for Archaeological Science  
American School of Classical Studies  
54 Soudias, 10676 Athens, Greece

Tel.: (30) 2130002400x224

Fax: (30) 2107294047

E-mail: [tkarkanas@ascsa.edu.gr](mailto:tkarkanas@ascsa.edu.gr)

Personal Web Pages:

[https://www.researchgate.net/profile/Panagiotis\\_Karkanas](https://www.researchgate.net/profile/Panagiotis_Karkanas)

<https://ascsa.academia.edu/PanagiotisKarkanas>

**EDUCATIONAL BACKGROUND**

1994: Ph.D. in Geology (Specialty: mineralogy, petrology, geochemistry), Department of Geology, University of Athens.

1990: Postgraduate Seminar (300 hours) in *Geology of sedimentary basin and energy resources*. EU funded Research Seminar for Geologists, Department of Geology, University of Athens.

1986: B.Sc. in Geology, Department of Geology, University of Athens.

**AREAS OF INTEREST**

Geoarchaeology: site formation processes (stratigraphy, micromorphology, post-depositional chemical alterations) palaeoenvironmental reconstructions, paleoclimate, methods and techniques (dating, petrography, mineralogy, sedimentary analysis, provenance analysis).

**PROFESSIONAL APPOINTMENTS**

2014-: Director, Malcolm H. Wiener Laboratory of Archaeological Science, American School of Classical Studies at Athens, Greece.

1994-2014: Senior Geologist, Ephoreia of Palaeoanthropology-Speleology (EPS), Ministry of Culture, Greece.

2004-2013: Adjunct Lecturer, Department of Geography, Harokopio University of Athens.

**OTHER PROFESSIONAL AND LABORATORY EXPERIENCE**

1995-2003 (approx. one month per year): Visiting research scientist, Kimmel Center for Archaeological Sciences, Weizmann Institute of Science, Israel.

1996-1998: Adjunct research scientist, Institute of Minerals and Mining Exploration (IGME), Athens, Greece.

1993-1997: Adjunct research scientist, Dept. Geology, University of Athens, Greece.

**HONORS/AWARDS/ FELLOWSHIPS**

2017: Foreign Honorary Member of the American Academy of Arts & Sciences.

2017: Rip Rapp Archaeological Geology Award, Geological Society of America.

2016-: Research Affiliate, Institute of Human Origin, Arizona State University.

2010: Paper (Karkanas P. 2007) listed in the 25 most important and influential papers that have been published in the journal '*Geoarchaeology*'.

2004-2005: Geoarchaeology Fellow at Wiener Laboratory, American School of Classical Studies at Athens.  
1998-1999: Geoarchaeology Fellow at Wiener Laboratory, American School of Classical Studies at Athens.  
1996-1997: Research Associate at Wiener Laboratory, American School of Classical Studies at Athens.  
1988-1991: Scholarship from the State Scholarship Foundation (PhD Thesis).

### **TEACHING EXPERIENCE**

2004-2013: Department of Geography, Harokopio University of Athens; Course: *Geoarchaeology*.  
2005: Department of History and Archaeology, University of Thessaloniki. Post-graduate seminar course (3 hours): *Archaeological sediments*.  
1989-1991: Assistantship in the courses of *Crystallography* and *Mineral Microscopy*: Section of Mineralogy and Petrology, Dept. Geology, University of Athens, Greece.

### **SUPERVISION**

Vaggelis Turloukis (PhD received from University of Leiden).  
Myrsini Gouma (PhD received, Vrije Universiteit, Amsterdam).  
Nafsika-Chrysoula Andriopoulou (PhD current, Technical University of Crete).  
Dimitris Roussos (PhD current, University of Athens)  
Lucial Leierer (MSc received from Universtiy of Tübingen).

### **SERVICE / ADMINISTRATION**

2016-: Scientific Advisory Committee, Max Planck-Harvard Research Center for the Archaeoscience of the Ancient Mediterranean.  
2014-: Pomerance Science Medal Committee.  
2012-2014: Committee of Mousiographic Design of Petralona Cave Museum.  
2012-2013: Committee of Mousiological Study of Petralona Cave Museum.  
2012-2013: Committee of Touristic Development of Franchthi Cave.  
1996-1997: Committee of Touristic Development of Drakos Cave, Kastoria.  
1996-1998: Committee of Touristic Development of Maara Cave, Drama.  
1996: Committee of Touristic Development of Pramanta Cave, Ioannina.

### **EXTERNAL REVIEW COMMITTEE**

2014: Geoarchaelogy Section, Institute for Archaeological Science, Univeristy of Tübingen

### **EDITORIAL BOARDS**

2007-: *Geoarchaeology* (Associate Editor)  
2012-2014: *Journal of Human Evolution* (Associate Editor)  
2016: *The Encyclopedia of Geoarchaeology*, Earth Science Encyclopedia series, Springer

### **EXTERNAL PhD REVIEWER**

Mike Morley (PhD received from University of Manchester)  
Justin Stratford (PhD received from University of the Witwatersrand)  
Frank Carpienter (PhD received form KU Leuven).  
Irene Esteban (PhD received from University of Barcelona)  
Daniel Fallu (PhD received from Universtiy of Boston)  
Rachel Kulick (PhD received from Universtiy of Toronto)

## **JOURNAL REFEREE**

*Geoarchaeology; Journal of Archaeological Science; Journal of Archaeological Science, Reports; Journal of Human Evolution; Chemical Geology; Quaternary International; Journal of Archaeological Method and Theory; Science; Southern African Humanities; Archaeological and Anthropological Sciences, Radiocarbon, European Journal of Archaeology, Journal of Field Archaeology.*

## **GRANT REFEREE**

*National Science Foundation (USA); Israel Science Foundation; Leaky Foundation; Netherlands Organisation for Scientific Research (NWO).*

## **PROFESSIONAL MEMBERSHIPS**

- Mineralogical Society (U.K.)
- Geological Society of Greece
- Greek Geotechnical Chamber

## **MAJOR FUNDED PROJECTS**

- 2017-2021: European Research Council: Human evolution at the crossroads (CROSSROADS). PI: K. Harvati, University of Tübingen, Germany (Co-Investigator).
- 2013-2016: The Swedish Research Council: Late Quaternary climate variability and vegetation dynamics in southern Greece. PI: K. Holmgren, Stockholms Universitet, Institutionen för Naturgeografi och Kvärtärgeologi (Co-Investigator).
- 2011-2016: European Research Council: Palaeoanthropology at the Gates of Europe (PAGE). PI: K. Harvati, University of Tübingen, Germany (Co-Investigator).
- 2011-2015: National Science Foundation, USA: IPG - Developing and Testing an Integrated Paleoscape Model for the early Middle and Late Pleistocene of the South Coast of South Africa. PI: C. Marean, Arizona State University, USA (Co-Investigator).
- 2011-2013: National Endowment for the Humanities, Collaborative Research: The Diros Project, 2011-2013: Greek-American Collaborative Multi-Disciplinary Research on the Mani Peninsula, Southern Greece. PI: W. Parkinson (Co-Investigator).
- 2012-2013: National Geographic Society: The Diros Project 2012. Greek-American Collaborative Research in Southern Greece. PI: W. Parkinson (Co-Investigator).
- 2012: INSTAP: The Diros Project 2012: Greek-American Collaborative Multidisciplinary Research on the Mani Peninsula, Southern Greece. PI: W. Parkinson, M. Galaty, A. Papathanasiou, and G. Papathanassopoulos (Co-Investigator).
- 2010-2012: National Science Foundation, USA IRES: U.S.-Hungarian-Greek Collaborative International Research Experience for Students on Origins and Development of Prehistoric Europe. PI: W. Parkinson; Co-PI: Richard Yerkes; Organization: Field Museum of Natural History, USA. (Co-Investigator).
- 2011- 2012: INSTAP: The Diros Project 2011: Greek-American Collaborative Multidisciplinary Research on the Mani Peninsula, Southern Greece. PI: W. Parkinson, M. Galaty, A. Papathanasiou and G. Papathanassopoulos (Co-Investigator).
- 2009-2014: National Science Foundation, USA: Wetland and transition to agriculture in Europe: The Southern Albania Neolithic Archaeological Project; PI: S. Allen, University of Cincinnati (Co-Investigator).

- 2009-2011: National Science Foundation, USA IRES: Early Village Social Dynamics: Prehistoric Settlement Nucleation on the Great Hungarian Plain; PI: W. Parkinson; Co-PI: R. Yerkes; Organization: Field Museum of Natural History, USA (Co-Investigator).
- 2006-2011: National Science Foundation, USA: Paleoclimatic and paleoenvironmental context of the origins of modern humans in South Africa: Constructing a detailed record from 400-30 ka and correlation to the ice core and deep-sea sequence. PI: C. Marean, Arizona State University, USA (Co-Investigator).
- 2005-2006: LSB Leakey Foundation: Late Pleistocene of the Mani Peninsula, Southern Greece: Palaeoanthropological investigations. PI: E. Panagopoulou, Ephoreia of Palaeoanthropology-Speleology, Greece (Co-Investigator).
- 2005: National Geographic Society: From Neanderthals to modern humans at the Sopena rock-shelter (Asturias, Northern Spain). PI: A. C. Pinto Lloná, Arizona State University, USA. (Co-Investigator).
- 2005: National Geographic Society: The Paleoenvironment and Prehistoric Use of Panxian Dadong Cave, Guizhou, China. PI: L. Schepartz (Dept. Anthropology, Univ. Cincinnati) (Co-Investigator).
- 2004-2005: Wenner-Gren Foundation: Late Pleistocene of the Mani Peninsula, Southern Greece: Palaeoanthropological investigations. PI: E. Panagopoulou, Ephoreia of Palaeoanthropology-Speleology, Greece (Co-Investigator).

### **MAJOR AREAS OF INTERNATIONAL FIELD WORK**

South Africa (2003–now); Hungary (2013-2014); Albania (2010-2012); Cyprus (2009-present); Israel (2003, 2005-2007); China (2000, 2004); Spain (2005); France (1998, 2000).

### **FIELD/RESEARCH EXPERIENCE**

- 2017-: Prosilio, Orchomenos (Bronze Age). Project Directors Yannis Galanakis (Cambridge Univ.) and A. Charami (Ephorate of Antiquities of Boeotia).
- 2015-2016: Molivoti, Thrace Archaeological Project (Classical-Hellenistic). Project Director: N. Arrington (Princeton University).
- 2015-: Palace of Nestor, Pylos (Bronze Age). Project Directors: S. Stocker and J. Davies (University of Cincinnati).
- 2015-: Tombs of Aidonia Preservation, Heritage and exploration (Bronze Age). Project Director: Kim Shelton (Berkeley University).
- 2009, 2015: The Archaic Sanctuary of Artemis Elaphibolos and Apollon of Yampolis, Kalapodi, Lamia. Project Director W.D. Niemeir and Katjia Spörn (German Archaeological Institute).
- 2013-2014: Körös Regional Archaeological Project, Hungary (Neolithic). Project Directors: W. Parkinson (The Field Museum, Chicago, USA), and A. Gyucha (Field Service of Cultural Heritage, Hungary).
- 2014-2016: Pelekita Cave, Crete (Neolithic-Bronze Age). Project Directors A. Kanta (CSCMC) and S. Ferrecne (INSTAP).
- 2013-t: Stelida, Naxos Island (Palaeolithic). Project Director: T. Carter (McMaster University).
- 2013-: Delta Falirou cemetery (Archaic and Classical). Project Director: S. Chrisoulaki (ST EPKA, Greece).
- 2013-: PAGE (Palaeoanthropology at the Gates of Europe), ERC project. Project Director K. Harvati (University of Tübingen).

- 2013: Katharo basin (Crete). Project Director E. Panagopoulou (EPS) in collaboration with K. Harvati (University of Tübingen).
- 2012-2013: Mavri Spilia, Kardamyli, Peloponnese (Palaeolithic). Project Director E. Panagopoulou (EPS) in collaboration with K. Harvati (University of Tübingen).
- 2012-: Marathousa site 1, Megalopolis basin, Peloponnese (Lower Palaeolithic). Project Director E. Panagopoulou (EPS) in collaboration with K. Harvati (University of Tübingen).
- 2011-2015: Kokkinopilos (Palaeolithic) in collaboration with V. Turloukis, Leiden University.
- 2010-2012: The Southern Albania Neolithic Archeological Project. Project Director: S. Allen (University of Cincinnati).
- 2010-: Koutroulou (Neolithic). Project Directors: N. Kyprissi-Apostolika (EPS) and Y. Hamilakis (Univ. Southampton, UK).
- 2010-2015: Alepotrypa Cave, Diros, Peloponnese (Neolithic). Collaboration between EPS and G. Papathanassopoulos.
- 2010-2017. Melitzia Cave, Peloponnese (Palaeolithic). Project Director A. Darlas (EPS).
- 2010-2016: Ouriakos, Lemnos Island (Epipalaeolithic). Project Director N. Efstratiou (University of Thessaloniki, Greece).
- 2009-2015: Early Neolithic Roudias site, Xeros Rema, Pafos, Cyprus. Project Director N. Efstratiou (University of Thessaloniki, Greece).
- 2009-2013: Plakias Survey, Crete (Mesolithic, Palaeolithic). Collaboration between EPS (E. Panagopoulou) and ASCSA (Th. Strasser).
- 2009: Geo-ethno-archaeology of tell formation processes: an interdisciplinary study of decayed mud brick structure. Project Director R. Shahack-Gross (Kimmer Center for Archaeological Science, Israel).
- 2008: Tombs of the cemetery of Kenchreai (Roman). Project Director J. Rife (Macalester College).
- 2007: Schisto Cave sediments (Mesolithic). Project Directors, L. Kormazopoulou and F. Mavridis (EPS).
- 2007-2012: Mycenae archaeological deposits (Bronze Age). Project Director: Chr. Maggidis (Dickinson College and Athens Archaeological Society).
- 2005-2007: Leontari Cave (Neolithic). Project Director, L. Kormazopoulou in collaboration with prof. L. Karali, Dept. Archaeology, Univ. Athens.
- 2005-2007: Qesem Cave (Lower Palaeolithic), Israel. Project director A. Gopher, (Tel-Aviv University, Israel).
- 2005: Sopena Cave (Palaeolithic), Asturias, Spain. Project Director: A.C. Pinto Llona (Arizona State University).
- 2004-2012: Mitrou islet (Bronze Age), Greece. Project Directors: A. Van de Moortel (University of Tennessee, USA) and E. Zahou (ID EPKA, Greece).
- 2004-2012: Palamari, Skyros Island, Greece. Project Director L. Parlama.
- 2004-2008: Aliakmon Survey, N. Macedonia (Lower Palaeolithic). Collaboration between EPS (E. Panagopoulou) and ASCSA (K. Harvati).
- 2004-2006: Bronze Age kiln at Kolona, Aigina, Greece. Project Director G. Walter (Austrian Archaeological School).
- 2004: Geraki Acropolis, Lakonia, Greece. Project Director J. Crouwel (Dutch Archaeological School).
- 2002-2011: Mycenaean Tombs, Nemea, Greece (Bronze Age). Project Director J. Wright (Bryn Mawr College) and R. A. K. Smith (Brock University, Canada).

- 2004-2008: Geoarchaeology of Palaeolithic sites at Grevena uplands. Project Director N. Efstratiou (University of Thessalonini, Greece).
- 2003-: Mossel Bay Archaeological Project, South Africa. Project Director C. Marean (Arizona State University).
- 2000-2014: Kleisoura Cave, Peloponnese (Paleolithic, Mesolithic). Project Director M. Koumouzei (EPS).
- 2000-2007: Dadong Cave (Palaeolithic), Guizhou, China. Project directors L. Schepartz (Univ. Cincinnati, USA), S. Miller-Antonio (California State University, Stanislaus) and W. Huang (Institute of Vertebrate Paleontology and Paleoanthropology, Beijing, China).
- 2001-2003: Gerontomouri Cave (Minoan), Crete, Greece. Project Directors P.P. Betancourt (Temple University) and C. Davaras (University of Athens, Greece).
- 2001-2002: Palaeoenvironmental reconstruction of the Marathon Plain. In collaboration with K. Pavlopoulos (Harokopio University, Athens, Greece).
- 1999-2007: Neolithic site of Makri, Thrace, Greece. Project Director N. Efstratiou (University of Thessalonini, Greece).
- 1999-2002: Chert provenance analysis for the identification of raw material sources in the Palaeolithic of Greece. In collaboration with Dr. J. Anousis (Nat. Center Scient. Res. «Demokritos»), Dr. E. Panagopoulou (EPS) and Dr. E. Adam (IB' EPKA).
- 1999-2001: Cave of Leivithrithon, Elikon Mountain, Greece (Neolithic, Classical). Project Director, Vivi Vasilopoulou (EPS).
- 1998-2000: Grotte XVI (Palaeolithic), Dordogne, France. In collaboration with S. Weiner (Weizmann Inst. Science, Israel). Project director J.-P. Rigaud (Inst. Quaternaire, Univ. Bordeaux I, France).
- 1998-2004: Neolithic lake-side settlement at Dispilio, Kastoria, Greece. Project Director G. Chourmouziadis (University of Thessaloniki, Greece).
- 1998-2001: Drakaina Cave (Neolithic, Chalkolithic, Classical), Kefallonia Island, Greece. Project Directors M. Chatioti and G. Stratouli (EPS).
- 1997-2015: Lakonis Cave complex, Peloponnese (Palaeolithic). Project Director, E. Panagopoulou (EPS).
- 1996-2005: Kouveleiki caves, Peloponnese (Neolithic). Project Director E. Stravopodi (EPS).
- 1995-1999: Theoperta Cave (Paleolithic, Mesolithic, Neolithic), Thessaly, Greece. Project Director N. Kyparissi-Apostolika (EPS).
- 1995-1997: Boila rockshelter (Palaeolithic), Epirus, Greece. Project Director E. Kotjabopoulou (EPS).
- 1994-1997: Regional georchaological project in Alonnisos Island (Paleolithic, Mesolithic), Greece. Project Director, E. Panagopoulou (EPS).

#### **INVITED LECTURES- GUEST SPEAKER**

- 2017: Leiden University, Faculty of Archaeology: “Geoarchaeological studies on a Bioarchaeological context”, After the Act – Microscopic approaches to activity patterns, abandonment and (post)depositional processes.
- 2017: The Cyprus Institute, Cyprus.
- 2016: Institute of Human Origin, Arizona University.
- 2014: Tübingen, Germany “*Contextualizing technological change and cultural evolution in the MSA of southern Africa*”, International workshop hosted by the Department of Early Prehistory and Quaternary Ecology of the University of Tübingen, September 8-10.

- 2014: Kalamata, Greece “4<sup>th</sup> Conference ARCH\_RNT”, University of Peloponnese, 1-3 October.
- 2012: Tübingen, Germany “*Bridging Gaps: Integrating Geosciences within Archaeological Research*”, May 10-13.
- 2012: Kalamata, Greece “3<sup>rd</sup> Conference ARCH\_RNT”, University of Peloponnese, 3-5 October.
- 2011: Knoxville, USA, Keynote lecture in “*Developing International Geoarchaeology*” conference, September 20-24, 2011.
- 2010: Barcelona, Spain “*Workshop on Site Formation and Postdepositional Processes*” 2-4 June.
- 2008: CNRS France, Aix-en Provence, International Meeting “*Geoarchaeology and Taphonomy*” 24-28 September.
- 2008: Porto Heli, Greece ‘*Workshop on Methodological Approaches to Geoarchaeology*’, 13<sup>th</sup> Belgium-France-Italy-Romania Geomorphological Meeting, 22-25 June.
2004. British School at Athens-American School of Classical studies at Athens: *Fitch-Wiener Labs seminar series ‘science-based archaeology’*.
- 1999: Departments of Anthropology and Classics, University of Cincinnati, USA: *Seminar in Technological Approaches to Archaeological Research*.

## **PUBLICATIONS**

### **Summary**

Author or editor of three books (one in Greek) and author or coauthor of more than 120 scientific papers or chapters (20 of them in Greek) and 65 oral presentations and posters in international conferences. About 90 of the publications are in top peer review journals such as *Nature*, *PNAS*, *Journal of Human Evolution*, *Earth and Planetary Science Letters*, *Journal of Archeological Science*, *Journal of Archaeological Science*, *Reports; Geoarchaeology*, *Archaeological and Anthropological Sciences*, *Quaternary Science Reviews*, *Journal of Quaternary Science*, *Quaternary Geochronology*, *Quaternary International*, *Geomorphology*, *Radiocarbon*, *Antiquity*, *World Archeaeology*, and *Hesperia*.

### **BIBLIOMETRY (Google Scholar)**

Number of citation: 4010  
 h-index: 35  
 h-index since 2013: 29  
 i10-index 61  
 i10-index since 2013: 56

### **I. Books**

1. Karkanas P., Goldberg P. *Reconstructing Archaeological Sites: Understanding the Geoarchaeological Matrix*. John Wiley & Sons (in press).
2. Papathanassiou, A., Parkinson, W.A., Pullen, D.J., Galaty, M.L., Karkanas, P. (Eds.). *Neolithic Alepotrpa Cave in the Mani, Greece*. Oxbow Books (in press).

### **II. Peer review journals**

#### **In review**

1. Karkanas, P. Microscopic deformation structures in archaeological contexts (in review).

2. Vaiglova, P., Halstead, P., Pappa, M., Triantaphyllou, S., Valamoti, S.M., Evans, J., Fraser, R., Karkanas, P., Kay, A., Lee-Thorp, J., Bogaard, A. Of cattle and feasts: multi-isotope investigation of animal husbandry and communal feasting at Neolithic Makriyalos, northern Greece (in review).
3. Koromila, G., Kyparissi-Apostolika, N., Harris, K., Karkanas, P., Hamilakis, Y., Kotzamani, G. The Neolithic tell as a multi-species monument: a micro-contextual study of animal dung remains at Koutroulou Magoula, central Greece (in review).
4. Karkanas, P., Tourloukis, V., Thompson, N., Giusti, D., Panagopoulou, E., Harvati, K. Sedimentology and micromorphology of the Lower Palaeolithic lakeshore site Marathousa 1, Megalopolis basin, Greece (in review).

### **In press**

5. Smith, E., Jacobs, Z., Johnsen, R., Ren, M., Fisher, E.C., Oestmo, S., Wilkins, J., Harris, J.A., Karkanas, P., Fitch, S., Amber C., Keenan, D., Cleghorn, N., Lane, C. S., Matthews, T., Marean, C.W. Humans thrived in South Africa 1 through the Toba super-volcanic eruption ~74,000 years ago. **Nature** (in press).
6. Parkinson, W.A. Gyucha, A., Karkanas, P., Papadopoulos, N., Tsartsidou, G., Sarris, A., Duffy, P.R., Yerkes, R. W. 2017. A landscape of tells: Geophysics and microstratigraphy at two Neolithic tell sites on the Great Hungarian Plain. **Journal of Archaeological Science: Reports** (in press); doi.org/10.1016/j.jasrep.2017.07.002
7. Gkouma M., Karkanas P., 2016. The physical environment in Northern Greece at the advent of the Neolithic. **Quaternary International** (in press); doi.org/10.1016/j.quaint.2016.08.034.

### **Published**

8. Cawthra, H.C., Jacobs, Z., Compton, J.S., Fisher, E.C., Karkanas, P., Marean, C.W. 2018. Depositional and sea-level history from MIS 6 (Termination II) to MIS 3 on the southern continental shelf of South Africa. **Quaternary Science Reviews** 181, 156-172.
9. Tourloukis, V., Thompson, N., Garefalakis, Ch., Karkanas, P., Konidaris, G.E., Panagopoulou, E., Harvati, K. 2016. New Middle Palaeolithic sites from the Mani Peninsula, Southern Greece. **Journal of Field Archaeology** 41, 68-83.
10. Karkanas, P., Brown, K.S., Fisher, E.C., Jacobs, Z., Marean, C.W. 2015. Interpreting human behavior from depositional rates and combustion features through the study of sedimentary microfacies at site Pinnacle Point 5-6, South Africa. **Journal of Human Evolution** 85, 1-21.
11. Fisher, E.C., Akkaynak, D., Harris, J., Herries, A.I.R., Jacobs, Z., Karkanas, P., Marean, C.W., McGrathi, J.R., 2015. Technical considerations and methodology for creating high-resolution, color-corrected, and georectified photomosaics of stratigraphic sections at archaeological sites. **Journal of Archaeological Science** 57, 380-394.
12. Tourloukis, V., Karkanas P., Wallinga, J., 2015. Revisiting Kokkinopilos: Middle Pleistocene radiometric dates for stratified archaeological remains in Greece. **Journal of Archaeological Science** 57, 355-369.
13. Karkanas, P., White, D., Lane, S.C., Stringer, C., Davies, W., Cullen, L. V., Smith, C.V., Ntinou, M., Tsartsidou, G., Kyparissi-Apostolika, N. 2015. Tephra chronostratigraphy and climatic events between the MIS6/5 transition and the



- beginning of MIS3 in Theopetra Cave, central Greece. **Quaternary Science Reviews** 118, 170-181.
14. Tsartsidou, G., Karkanas, P., Marshall, G., Kyparissi-Apostolika, N. 2015. Palaeoenvironmental reconstruction and flora exploitation at the Palaeolithic cave of Theopetra, central Greece: the evidence from phytolith analysis. **Archaeological and Anthropological Sciences** 7, 169-185.
  15. Friesem, D. Tsartsidou, G., Karkanas, P. Shahack-Gross, R. 2014. Where are the roofs? A geo-ethnoarchaeological study of mud structures and their collapse processes, focusing on the identification of roofs. **Archaeological and Anthropological Sciences** 6, 73-92.
  16. Karkanas, P. Van de Moortel, A. 2014. Micromorphological analysis of sediments at the Bronze Age site of Mitrou, central Greece: patterns of floor construction and maintenance. **Journal of Archaeological Science** 43, 198-213.
  17. Friesem, D., Karkanas, P. Tsartsidou, G., Shahack-Gross, R. 2014. Sedimentary processes involved in mud brick degradation in temperate environments: a micromorphological approach in an ethnoarchaeological context in northern Greece. **Journal of Archeological Science** 41, 556-567.
  18. Shahack-Gross, R., Berna, F., Karkanas, P., Lemorini, C, Gopher, A., Barkai, R. 2014. Evidence for repeated use of a central hearth at Pleistocene (300 ky ago) Qesem Cave, Israel. **Journal of Archaeological Science** 44, 12-21.
  19. Douka K., Higham T.F.G., Wood R., Boscato P, Gambassini P, Karkanas, P., Peresani M., Ronchitelli A. 2014. On the chronology of the Uluzzian technocomplex. **Journal of Human Evolution** 68, 1-13.
  20. Facorellis, Y., Karkanas, P., Higham, T., Brock F., Ntinou, M, Kyparissi-Apostolika: N. 2013. Interpreting radiocarbon dates from the Palaeolithic layers of Theopetra Cave in Thessaly, Greece. **Radiocarbon** 55, 1432-1442.
  21. Pickering, R., Jacobs, Z., Herries, A. I.R., Karkanas, P., Bar- Matthews, M., Woodhead, J.D., Kappen, P., Erich Fisher, E., and Marean, C.W. 2013. Paleoanthropologically Significant South African Sea Caves dated to 1.0 Million Years using a combination of U-Pb, TT-OSL and palaeomagnetism. **Quaternary Science Reviews** 65, 39-52.
  22. Efstratiou, N., Piagi, P., Karkanas, P. and Starnini, E. 2013. A late Palaeolithic site at Ouriakos (Limnos, Greece) in the northeastern Aegean. **Antiquity** 87: <http://antiquity.ac.uk/projgall/efstratiou335.htm>.
  23. Roberts, D.L., Karkanas, P., Zenobia Jacobs, Z., Curtis W. Marean, C.W., Roberts, R.G. 2012. Melting ice sheets 400,000 yr ago raised sea level by 13 m: Past analogue for future trends. **Earth and Planetary Science Letters** 357-358, 226-237
  24. Brown, K.S., Marean, M.W., Jacobs, Z., Schoville, B.J., Oestmo, S., Erich C. Fisher, E.C., Bernatchez, J., Karkanas, P., Matthews, Th. 2012. An early and enduring advanced technology originating 71,000 years ago in South Africa. **Nature** 491, 590-594.
  25. Lowe, J., Barton, N., Blockley, S., Ramsey, C.R., Cullen, V.L., Davies, W., Gamble, C., Grant, K., Hardiman, M., Housley, R., Lane, C.L., Lee, S., Lewis, M., MacLeod, A., Menzies, M., Müller, W., Pollard, M., Price, C., Roberts, A.P., Rohling, E.J., Satow, C., Smith, V.C., Stringer, C.B., Tomlinson, E.L., White, D., Paul Albert, Arienzo, I., Barker, G., Borić, D., Carandente, A., Civetta, L., Ferrier, C., Guadelli, J-L., Karkanas, P., Koumouzelis, M., Müller, U.C., Orsi, G., Pross, J., Rosi, M., Shalamanov-Korobar, L., Sirakov, N., Tzedakis, P.C. 2012. Volcanic ash

- layers illuminate the resilience of Neanderthals and early modern humans to natural hazards. **PNAS** 109, 13532-13537.
26. Karkanas, P., Dabney, M. K., Smith R. Angus K., Wright, J.C. 2012. The geoarchaeology of Mycenaean chamber tombs. **Journal of Archaeological Science** 37, 2722-2732.
  27. Tourloukis, V., Karkanas, P. 2012a. The Middle Pleistocene record of Greece and the role of the Aegean in hominin dispersals: new data and interpretations. **Quaternary Science Reviews** 43, 1-15.
  28. Tourloukis, V., Karkanas, P. 2012b. Geoarchaeology in Greece: A Review. **Journal of the Virtual Explorer** 42, paper 4, In: Emmanuel Skourtsos and Gordon S. Lister, (Eds.) *The Geology of Greece*, 2012.
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## VII. Presentations/Abstracts

1. Harvati, K., Panagopoulou, E., Tourloukis, V., Thompson, N., Karkanas P., Konidaris, G., Athanassiou, A., Tsartsidou, G., Giusti, D., 2017. Marathousa 1: New Lower Paleolithic elephant butchering site from the Megalopolis basin, Greece. 7th Annual Meeting of The European Society for the Study of Human Evolution, 21-23 September, 2017, Leiden, Netherlands.
2. Carter, T., Athanasoulis, D., Contreras, G., Holcomb, J., D. Mihailović, D., Karkanas, P., Moutsiou, T., Campeau, K., Feathers, J., Pitt, Y. 2017. Early Humans in the Aegean: Survey and Excavation at Stélida, Naxos 2013-17. 'Les travaux archéologiques dans les Cyclades, colloque international, Athens 22-26<sup>th</sup>, Nov. 2018.
3. Harvati, K., Panagopoulou, E., Tourloukis, V., Thompson, N., Karkanas, P., Athanassiou, A., Konidaris, G., Tsartsidou, G., Giusti, D., 2016. New Middle Pleistocene elephant butchering site from Greece. Paleanthropology Society 2016 Meeting, Atlanta, April 12 and 13, 2016.
4. Vaiglova, P., Bogaard, A., Karkanas, P., Pappa, M., Cattle for the feast: using multiple isotopes to understand the origins and lives of cattle consumed at Late Neolithic Makriyalos. In 81st Annual Meeting of the Society for American Archaeology, 2016, Orlando, USA.
5. Cawthra, H.C., Compton, J.S., Fisher, E.C., Jacobs, Z., Karkanas, P., Marean, C.W. An onshore-offshore record of sedimentation and shoreline shift through two glacial-interglacial cycles. In 35<sup>th</sup> International Geological Congress. 27 August - 4 September 2016, Cape Town, South Africa.
6. Parkinson W., Papanthassiou, A., Pullen, D., Karkanas, P., Galaty, M.L., Papanthassopoulos, G. 2016. The Diros project: Multidisciplinary investigations at

- Alepotrypa Cave and Ksagounaki promontory, 2010-2015. In AIA 2016 Annual Meeting, San Francisco, 6-9, January.
7. (Discussand) Karkanas P., 2015. The preservation of organic remains in the Aegean. AIA colloquium Session (organizers: F. Dibble, D. Fallu and O. Jones). In *AIA 2015 Annual Meeting*, New Orleans, 8-11, January.
  8. Ciravolo, A., Ren, M., Johnsen, R., Karkanas, P., Marean, C., W., Fisher, E., C. Lane, C., 2015. Youngest Toba Tuff (~74 ka) cryptotephra identified in an archaeological site at Pinnacle Point, South Africa, In 2015 Geological Society of America Annual Meeting Annual Meeting, Baltimore, Maryland, USA, 1-4 November.
  9. Marean C. W., Karkanas, P. 2015. Cave life histories of non-anthropogenic sediments help us “raise the bar” in our understanding of anthropogenic sediments. In *SAA 80<sup>th</sup> Annual meeting*, San Francisco, 15-19 April.
  10. Karkanas, P., Brown, K.S., Fisher, E.C., Jacobs, Z., Marean, C.W. 2015. Micromorphology Reveals Changing Levels of Site Occupation Intensity at Pinnacle Point 5-6. In *SAA 80<sup>th</sup> Annual meeting*, San Francisco, 15-19 April.
  11. Smith, E., Ciravolo, A., Ren, M., Karkanas, P., Marean, C.W. 2015. Cryptotephra Discovered at Pinnacle Point Site 5-6 May Correlate with the 74 ka Eruption of Toba in Indonesia: Implications for Resolving the Dating Controversy for Middle Stone Age Sites in Southern Africa. In *SAA 80<sup>th</sup> Annual meeting*, San Francisco, 15-19 April.
  12. Jacobs, J., Marean, C.W., Fisher, E., Karkanas, P., Cawthra, H. A high-resolution single grain optically stimulated luminescence chronology for Pinnacle Point site 5-6. *Paleoanthropology Society 2015 Meeting*, San Francisco, 14-15 April.
  13. Parkinson, W., Papathanasiou, A., Galaty, M., Pullen, D., Karkanas, P., Papathanassopoulos, G. 2014. Diros in context: communities, landscapes, and interaction in the Late Neolithic of the southern Greece. In *Communities, Landscapes and Interaction in Neolithic Greece, International Conference*, Rethymno 29-30 May
  14. (invited) Karkanas, P. 2014. Site Formation Processes of the Neolithic Alepotrypa Cave, Mani, Greece. In Kalamata, Greece “4<sup>th</sup> Conference ARCH\_RNT”, University of Peloponnese, 1-3 October.
  15. Pullen, D., Papathanasiou, A., Parkinson, W., Karkanas, P., Galaty, M., 2014. Alepotrypa Cave and its Regional Context in the Late and Final Neolithic Aegean. In *SAA 79<sup>th</sup> Annual Meeting*, Austin, Texas. April 23 - April 27.
  16. (invited) Karkanas, P. 2014. Interpreting human behavior from the study of sediments at site Pinnacle Point 5-6, South Africa. In “*Contextualizing technological change and cultural evolution in the MSA of southern Africa*, International workshop hosted by the Department of Early Prehistory and Quaternary Ecology of the University of Tübingen, September 8-10.
  17. Smith, E., Ciravolo, A., Karkanas, P., Marean, C., Fisher, E., Cleghorn, N., Lane, C., Ren, M. 2014. Cryptotephra Possibly from the 74 ka Eruption of Toba Discovered at Pinnacle Point, South Africa: Implications for Resolving the Dating Controversy for Middle Stone Age Sites in Southern Africa. In *23rd Annual Meetings of the Paleanthropology Society*, Calgary, Alberta, Canada, April 8-9.
  18. Strasser, T., Panagopoulou, E., Karkanas, P., Klinton, M., Kapranos, E., Thompson, N., Murray, S. 2013. The Excavation at Mesolithic Damnoni in the Ayios Vassilios Region: A New Culture on Crete. In: *3rd Meeting for the Archaeological Work in Crete*. 5 – 8.12.2013, Rethymno, Crete, Greece.

19. Karkanias, P., Berna, F., Walter, G. and Fallu, D.J. 2013. Microstratigraphic Study of a Middle Bronze Age Updraft Pottery Kiln, Kolonna, Aegina, Greece. *114<sup>th</sup> Annual Meeting, Archaeological Institute of America, Sheattle*, January 3-6.
20. Papathanassopoulos, G., Parkinson, W., Papathanasiou, A., Galaty, M., Pullen, D.J., and Karkanias, P. 2013. The Diros Project, 2012: Survey and Excavation in the Western Mani Peninsula, Southern Greece. *114<sup>th</sup> Annual Meeting, Archaeological Institute of America, Sheattle*, January 3-6.
21. Van De Moortel, A., and Karkanias, P. 2013. Micromorphological Analysis of Sediments at the Bronze Age and Early Iron Age Site of Mitrou, East Lokris: Patterns of Floor Construction and Maintenance. *114<sup>th</sup> Annual Meeting, Archaeological Institute of America, Sheattle*, January 3-6.
22. Stratouli, G. Sarpaki, A., Ntinou, M., Kotzabopoulou, E., Theodoropoulou, T., Melfos, V., Andreasen, N. and Karkanias, P. 2012. Culture encapsulated in environmental data: approaches to understanding the Neolithic use of Drakaina Cave at Kefalonia Island, western Greece. *14e Rencontre Égéenne Internationale, PHYSIS, Institut National d'Histoire de l'Art (INHA)*, Paris, 11-14 December.
23. Zacharias, N., Karkanias, P., Koumouzei, M., Stiner, M., Polymeris, G., Absolute dating and stratigraphic data of the sedimentary sequence of the Palaeolithic Klissoura Cave 1, Argolis. International Conference The Archaeological Work in Peloponnese (1st AEPPEL), Tripolis, November 7-11, 2-12.
24. (invited) Panagopoulou, E., Karkanias, P. 2012: The Palaeolithic of insular Greece. *International Symposium Human Evolution in the Southern Balkans* Tübingen, 06 – 08 December 2012.
25. (invited) Karkanias, P. 2012. Reconsiderations for Burial Contexts Based on Micromorphological Research: Approaches for Mycenaean Chamber Tombs. *3<sup>o</sup> Conference ARCH\_RNT*, University of Peloponnese, Kalamata, 3-5 Οκτωβρίου 2012.
26. Facorellis Y., Karkanias, P., Higham, T., Brock, F., Ntinou, M. and Kyprarissi-Apostolika, N. 2012. Interpreting radiocarbon dates from the Palaeolithic layers of the Theopetra Cave in Thessaly, Greece. *21st International Radiocarbon Conference*, Paris, France, 9 - 13 July 2012.
27. (invited) Karkanias, P. 2012. Interdisciplinary problems in managing different scales of observation. Workshop: *Bridging Gaps: Integrating Geosciences within Archaeological Research*, Tübingen, Germany, May 10-13, 2012.
28. Herries, A.I.R., Pickering, R., Karkanias, P., Kappan, P., Jacobs, Z., Bar Matthews, M., Fisher, E., Marean, C.W. 2012. The direct U-Pb dating of geomagnetic reversals and excursions in speleothem from Pinnacle Point, South Africa. Magnetic Relaxations conference 2012. Jan. 4th-5th 2012. University of Liverpool, UK. Abstracts pp. 17.
29. Strasser, T.F., Panagopoulou, E., Karkanias, P., Kapranos, E., Marshall, G., DiGregorio, Ch., Clinton, M.G., George, G., and Mersereau, R. The Damnoni Excavation: Mesolithic Remains from Southwest Crete, In *2012 Archaeological Institute of America and American Philosophical Association Joint Annual Meeting*, Philadelphia, January 6-8, 2012.
30. Brown, K. S., Marean, C. W., Jacobs, Z., Bernatchez, J., Karkanias, P., Oestmo, S. and Schoville, B. J. 2012. A Pre-Howiesons Poort small backed blade MSA occurrence at Pinnacle Point. Palaeoanthropology Society 2011 Annual meeting, Minneapolis, Minnesota.
31. (invited) Karkanias P. 2011. Micromorphological analysis of sediments at the Bronze Age site of Mitrou, central Greece: patterns of floor construction and maintenance.

- Developing International Geoarchaeology* conference, Knoxville, USA, September 20-24, 2011.
32. Smith, A., Dabney, M.K, Pappi, E., Karkanas, P., Triantaphyllou, S., Wright, J. 2011. The Excavation of Mycenaean Chamber Tombs at Barnavos and Ayia Sotira in the Nemea Valley. *Death, Decay, and Discovery, An interdisciplinary workshop on taphonomic approaches to understanding burial practice*, Joukowsky Institute for Archaeology and the Ancient World, Brown University, April 8 - 10, 2011.
  33. Douka, K., Perlès, C., Karkanas, P., and Panagopoulou, E. 2011. Greece. *Time for the Palaeolithic: Radiocarbon dating and the Middle to Upper Palaeolithic of Europe*, St Antony's College Oxford April 14-16, 2011.
  34. (invited) Karkanas, P. 2010. *Evaluation of the preservation state of archaeological materials: methods and techniques* Barcelona, Spain "Workshop on Site Formation and Postdepositional Processes" 2-4 June, 2010.
  35. Bar-Matthews, M., Marean, C.W., Jacobs, Z., Karkanas, P., Fisher, E.C., Herries, A.I.R., Brown, K., Williams, H.M., Bernatchez, J., Ayalon, A., and Nilssen, P.J. 2009. A high resolution speleothem record of variable climate and environment 90-53,000 years ago from Pinnacle Point (south coast South Africa) and bearing on modern human origins and floral diversity. *Southern African Society for Quaternary Research, SASQUA XVIII Biennial Congress 2009*. Knysna, Western Cape, South Africa, 6 to 10 September 2009.
  36. (invited) Karkanas, P. 2008: *Preservation of anthropogenic materials under different geochemical processes*. CNRS France, Aix-en Provence, International Meeting "Geoarchaeology and Taphonomy" 24-28 September, 2008.
  37. (invited) Karkanas, P. 2008. Geoarchaeological research at the scale of the archaeological site. *13th Belgium-France-Italy-Romania Geomorphological Meeting: Landscape Evolution and Geoarchaeology*. June 18-21, Porto Heli, Greece.
  38. Mavridis, F., Kormazopoulou, L., Apostolikas, O., Papadea, A., Yamaguchi, D., Tankosic, Z., Kotzamani, G., Trantalidou, K., Karkanas, P. and Maniatis Y. 2008. The Cave at Schisto, Keratsini: A Case of Diachronic Cave Occupation in Attica. *New Research in Greek Caves*. Irish Institute of Hellenic Studies in Athens. 24 May 2008, Athens.
  39. Bar-Matthews, M., Marean, C. W., Karkanas, P., Jacobs, Z., Fisher, E., Herries, A. I. R., Ayalon, A. and Schilman, B. (2008). A high-resolution and continuous isotopic speleothem record of paleoclimate and paleoenvironment from 92-55 ka from Pinnacle Point, South Africa. *73rd Annual Meeting of the Paleoanthropology Society*. Vancouver, British Columbia, March 25 - March 26, 2008.
  40. Marean, C. W., Bar-Matthews, M., Fisher, E., Goldberg, P., Herries, A. I. R., Jacobs, Z., Jerardino, A., Karkanas, P. and Nilssen, P. J. The life history of Pinnacle Point Cave 13B (Mossel Bay, South Africa): Setting the context for human occupation. *73rd Annual Meeting of the Society for American Archaeology. New Views on Ancient Africa – Papers in Honor of C. Garth Sampson* Vancouver, British Columbia, March 26 - March 30, 2008
  41. Marean, C. W., Bar-Matthews, M., Bernatchez, J., Fisher, E., Goldberg, P., Herries, A. I., Jacobs, Z., Jerardino, A., Karkanas, P., Minichillo, T., Nilssen, P. J., Rector, A., Reed, K., Thompson, E. N., Thompson, J. C., Watts, I. and Williams, H. M. (2008). Human use of marine resources, pigments, and bladelets at Pinnacle Point Site 13B (South Africa) during the Middle and Later Pleistocene. *73rd Annual Meeting of the Paleoanthropology Society*. Vancouver, British Columbia, March 25 - March 26, 2008

42. Herries, A.I.R., Fisher, E.C., Marean, C.W., Bar-Matthews, M., Goldberg, P., Jacobs, Z., Karkanas, P., Tribolo, C. 2007. Multi-dimensional modelling of magnetic mineralogy to detect anthropogenic alteration of Middle Stone Age sediments at Cave 13B, Pinnacle Point, Western Cape, South Africa. *17th Congress of the International Quaternary Association (INQUA), 28 July-3 August, Cairns, Australia: Abstract: Quaternary International* 167-168, p. 164.
43. Marean, C.W., Bar-Matthews, M., Fisher, E.C., Goldberg, P., Herries, A.I.R., Jacobs, Z., Karkanas, P., Nilssen, P. 2007. Cave life history at Pinnacle Point (Mossel Bay, South Africa): Its implications for climate, environment, and human occupation over the last 400,000 years. *17th Congress of the International Quaternary Association (INQUA), 28 July-3 August, Cairns, Australia: Abstract: Quaternary International* 167-168, p. 267.
44. Pavlopoulos K., Triantaphyllou, M., Karkanas, P., Kouli, K., Syrides, G., Vouvalidis, K., Palyvos, N., Tsourou, Th. 2007. Paleoenvironmental evolution and prehistoric human environment, in the embayment of Palamari (Skyros Island, Greece) during Middle-Late Holocene. *17th Congress of the International Quaternary Association (INQUA), 28 July-3 August, Cairns, Australia: Abstract: Quaternary International* 167-168, p. 318.
45. Roberts, D.R., Jacobs, Z., Karkanas, P., Marean, C.W. 2007. Onshore expression of multiple orbitally driven Late Quaternary marine incursions on the ultra-stable southern South African coast. *17th Congress of the International Quaternary Association (INQUA), 28 July-3 August, Cairns, Australia: Abstract: Quaternary International* 167-168, p. 345.
46. Harvati, K. Panagopoulou, E., Karkanas, P., Frost, S.R., Athanassiou, A., Elefanti, P., Schrein, C., Baab, K., Henderson, E., Tourloukis E., and Garefalakis C. 2006. New findings of the Aliakmon Paleolithic Survey, Greece, 2004-2005. *XV Congress of UISPP, 2006, Lisbon, Portugal.*
47. Koumouzelis, M., Sitlivi, V., Sobczyk, K., Mercier, N., Valladas, H. and Karkanas, P. 2006. Middle Palaeolithic Human Occupation in Cave 1 in Klissoura, Greece. *XV Congress of UISPP, 2006, Lisbon, Portugal.*
48. Panagopoulou, E., Karkanas, P., Tsartsidou, G., Kotjabopoulou, E., Harvati, K., Elefanti, E., Ntinou, M. 2006. Late Pleistocene Archaeological and Fossil Human evidence from Lakonis Cave, Southern Greece. *XV Congress of UISPP, 2006, Lisbon, Portugal.*
49. Bar-Matthews, M., Marean, C., Nilssen, P., Fisher, E., Herries, A., Karkanas, P. 2006. Paleoclimatic context of the origins of modern Humans in South Africa: based on speleothem isotopic records. *16<sup>th</sup> Annual V.M. Goldschmidt Conference, 2006, Melbourne, Australia.*
50. Marean C.W., Bar-Matthews M., Goldberg P., Herries A., Jacobs Z., Karkanas P., Nilssen P.J. 2006. Recent results from archaeological and geological fieldwork at Pinnacle Point (Mossel Bay, South Africa). Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, 2006.
51. Marean C.W., Bar-Matthews M., Goldberg P., Herries A., Jacobs Z., Karkanas P., Nilssen P.J. 2005. Recent results from archaeological and geological fieldwork at Pinnacle Point (Mossel Bay, South Africa). *12th Panafrican Congress on Prehistory, Gaborone, Botswana, July 4-8, 2005.*
52. Karkanas P., Panagopoulou E., Anoussis J. and Kyparissi-Apostolika N., 2003. Raw material procurement in the Middle Palaeolithic of Thessaly: Sourcing studies.

*Abstracts of the 4<sup>th</sup> Symposium on Archaeometry of the Hellenic Society of Archaeometry, 28-31 May, 2003.*

53. Weiner S., Shahack-Gross R., Trueman C., Berna F., Matthews A., and Karkanas P., 2003. The completeness of the archaeological record: major impact of early chemical diagenesis. *Archaeological Science in U.K. April 2003, Oxford.*
54. Panagopoulou E., Harvati K., Karkanas P., Kotjabopoulou E., Ntinou M., and Tsartsidou G., 2003. New archaeological and fossil hominid evidence from the Late Pleistocene. *Abstracts of the Palaeoanthropological Society 2003 Meeting at Tempe Arizona, April 22-26 2003.*
55. Pavlopoulos K., Karkanas P., Triantaphyllou M, and Karymbalis E., 2002. Climate and sea level changes recorded in the coastal plain of Marathon (Greece). *IAG Working Group on Geoarchaeology. International Conference "Dymaniques environnementales et histoire en domaines méditerranéens" 24-26 April, Paris.*
56. Boaretto E., Mintz G., Heber O., Paul M., Karkanas P., and Weiner S., 2000. Radiocarbon dating of the Upper Palaeolithic charcoal-rich ash layers of Theopetra, Greece: A study of different sediment fractions and treatments. *Abstracts of the 17<sup>th</sup> International Radiocarbon Conference, June 18-23, 2000, Judean Hills, Israel.*

**Posters:**

57. Koromila, G., Karkanas, P., Harris, K., Kotzamani, G., Hamilakis, Y., Kyparissi-Apostolika, N. Humans, animals, and the landscape at Middle Neolithic Koutroulou Magoula: an approach through soil micromorphology and phytoliths. In *Communities, Landscapes and Interaction in Neolithic Greece*, International Conference, Rethymno 29-30 May 2014.
58. Tourloukis, V., Thompson, N., Garefalakis, Ch., Karkanas, P., Panagopoulou E., Harvati, K. 2014. New Middle Paleolithic sites from the Mani peninsula, southern Greece. In *XVII World UISPP Congress of Prehistoric and Protohistoric Sciences*, Burgos, Spain, September 1-7.
59. Strasser, T., Panagopoulou, E., Karkanas, P., Clinton, M., Kapranos, E., Thompon, N., Murray, S. 2014. The Excavation at Mesolithic Damnoni: The Discovery of a New Culture on Crete. In *AIA, 115<sup>th</sup> Annual Meeting*, Chicago, January 2-5.
60. Panagopoulou E., Karkanas, P., Tourloukis, V., Thompson, N., Garefalakis, Ch., Harvati, K. 2014. New data on the Middle Paleolithic occupation of Mani peninsula, southern Greece. In *International Conference on Coastal Landscapes, Mining Activities & Preservation of Cultural Heritage*, Milos Island, Greece, September, 17-20.
61. Harris, J., Bar-Matthews, Brink, J., Braun, K., Fisher, E., Jacobs, Z., Karkanas, P., Marean, C. 2014. Herolds Bay Cave: New Evidence for Middle Stone Age Coastal Adaptations in Cape Province, South Africa. In *23rd Annual Meetings of the Paleanthropology Society*, Calgary, Alberta, Canada, April 8-9.
62. Facorellis Y., Karkanas, P., Higham, T., Brock, F., Ntinou, M. and Kyparissi-Apostolika, N. 2012. Interpreting radiocarbon dates from the Palaeolithic layers of the Theopetra Cave in Thessaly, Greece. *21st International Radiocarbon Conference, Paris, France, 9 - 13 July 2012.*
63. Valladas H., Mercier N., Froget L., Joron J.L., Reyss J.L., Karkanas P., Panagopoulou E. and Kyparissi-Apostolika N. 2005. TL age-estimates for the Middle Palaeolithic layers at the Theopetra cave (Greece). *11th International Conference on Luminescence and Electron Spin Resonance dating (LED 2005), Cologne, 24 - 29 July 2005.*

64. Valladas H., Mercier N., Froget L., Joron J.L., Reyss J.L., Karkanas P., Panagopoulou E., Facorellis Y. and Kyparissi-Apostolika N., 2003. TL age of the Middle Palaeolithic layers from Theopetra cave (Greece). *4<sup>th</sup> Symposium on Archaeometry of the Hellenic Society of Archaeometry, 28-31 May, 2003.*
65. Colombini M., Carmigniani A., Frezzato, F. Olchini A., Brecolaki H., Vassilopoulou, V., and Karkanas P., 2002. Painted astragaloi from the cave of Nymphs on Mount Elikon: new evidence on ancient Greek polychromy. *33<sup>th</sup> International Symposium on Archaeometry, Amsterdam, 22-26 April, 2002.*