

**STEPHANIA N. CHLOUVERAKI, BSc, PhD**

*Conservator of Archaeological Material*

**CURRICULUM VITAE**

Name : Chlouveraki N. Stephania

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**Honours:** **Vice President of the International Committee for the Conservation of Mosaics (ICCM)** since 2014.

**Deputy – Chairperson of the Hellenic Society for Near Eastern Studies (HSNES)** since 2012.

**Co-ordinator of the J.M Kaplan Fund- INSTAP Site Conservation Grant Program** in Greece, 2014-2015.

**Consultant of the Global Heritage Fund** for the Greek Heritage Program, 2017

**Education**

1996 - 2004 PhD, University College London, Institute of Archaeology, Dept of Conservation and Museum Studies. PhD Dissertation: “Gypsum in Minoan Architecture: Exploitation, Utilisation and Weathering of a Prestige Stone”.

Nov 1998: Course on the Laser Technology in Art Conservation, European Union DG X Raphael Program, Galouste Gulbenkian Foundation, Portugal

1986 - 1993: BSc, Athens College of Technology (TEI), Department of Conservation of Antiquities and Works of Art.

**Conservation Studies and Projects**

2019 Conservation of the Mosaic Icon of **Panagia Pammakaristos at the Ecumenical Patriarchate of Constantinople**, funded by the **E. Laskarides Foundation**. Study of Materials, Conservation Proposal, and Implementation (in progress)

2019 Conservation of the pebble mosaics of the church **Panagia Emporiou at Kasos**.

2016-2018 **Global Heritage Fund, Co-ordinator** of the Site Conservation Program of Ayios Vasileios in Sparta

2014-2019 **European Center for Byzantine and Post Byzantine Monuments-Greece (EKBMM)**  
Conservation study: ‘Conservation and Presentation of the Mosaic Map of Madaba in Jordan’ (2015)

Coordinator of the mosaic conservation/training program at the **World Heritage Site of Um Al Rasas in Jordan (2014-2019)**.

2019 **Excavations at Keros, Daskalio**, conservation proposal

- 2017 **Wall mosaics of Panagia Kanakaria, Lythragomi, Cyprus**  
Study of the detached mosaic fragments, development of the methodology for their conservation and presentation, in collaboration with the Department of Antiquities of Cyprus and the Byzantine Museum of the Foundation of Archbishop Makarios III
- 2014 **Ancient Theatre of Karthaia, ESPA Program,**  
Conservation study for the remains of the ancient theatre of Karthaia in collaboration with M. Roggenbucke
- 2013-2016 **INSTAP- J.M. Kaplan- Site Conservation Program**  
Designed and directed the program “**Developing Strategies for the Conservation of Prehistoric Sites with Earth and Rubble Architecture**” funded by the J. M. Kaplan Fund and INSTAP with case studies at Mochlos, Gaidourofias and the Mycenaean Palace of Ayios Vasileios in Sparta.
- 2013 **Geometric Site of Zagora, Australian Archaeological Institute of Athens,** proposal for the ‘Conservation of the Architectural Remains of the Geometric Site of Zagora’, approved by the Central Archaeological Council in May 2014.
- 2011 **Minoan Site of Tylisos, Archaeological Ephorate of Heraklion, ESPA Program**  
Designed and proposed the conservation/restoration mortars for the site conservation program of Tylissos in collaboration with Dr. E. Toumbakari, approved by the Central Archaeological Council in 2012.
- 2010 **Minoan Site of Myrtos – Fournou Koryfi, Archaeological Ephorate of Lasithi,**  
Developed a proposal for the conservation of the architectural remains of the Early Minoan Site of Myrtos - Fournou Koryfi in collaboration with Dr. E. Toumbakari and E. Tsangaraki, approved by the Central Archaeological Council in 2011.

### Training Programs

- 2015-2016 Funded by the **J. M. Kaplan Fund:**  
- “Evaluation, Documentation and conservation of earth/rubble architecture”.  
Partners: Architectural Conservation Lab of **TEI of Athens, INSTAP Study Center for East Crete** and the **Archaeological Ephorate of Lasithi.**  
- “Conservation and Maintenance of Mosaics in Situ”, at the Late Roman Mosaics of the National Gardens of Athens and a Open Two-Day workshop with international renown guest speakers. Partners: **TEI of Athens, Directorate for the Conservation of Ancient and Modern Monuments-YPPO** and the **Archaeological Ephorate of Athens-YPPO.**
- 2016-2017 Funded by the **Global Heritage Fund** “Documentation and Conservation of Prehistoric Architecture” Partners: **TEI of Athens,** the Architectural Conservation Laboratory of the **University of Pennsylvania,** the **INSTAP Study Center for East Crete** and the **Archaeological Ephorate of Lasithi,**

### Professional Employment

- 2014-present **University of West Attica, Dept of Conservation of Antiquities and Works of Art, Ministry of Education,** Greece, - Member of Faculty, Lecturer in Architectural Conservation, Specializing in the Conservation of Mosaics and Masonry

- 2014-present **INSTAP Study Centre for East Crete**, Greece – Site Conservation Specialist, in charge of the architectural conservation projects at the archaeological sites of Mochlos, Gournia, Azorias, Pseira, Chryssi, Papadiokambos, Gaidourofias, Halasmenos on Crete and the newly excavated Mycenaean Palace of Ayios Vasileios in Sparta.
- 2014-2015 **Australian Archaeological Institute of Athens, Geometric Site of Zagora**  
Head of the site conservation program of Zagora, Andros
- 1997- 2014 **INSTAP Study Centre for East Crete**, Greece - Head of Conservation, W. D. E. Coulson Laboratory.  
-in charge of the documentation, conservation, storage, and maintenance of archaeological material. In charge of site/building conservation and Laser Spectroscopy (LIBS). Supervising interns from undergraduate and graduate conservation programs (Dept. of Conservation of Archaeological Material and Works of Art, TEI of Athens, the Institute of Archaeology, U.C.L., London, UCLA/Getty MA Program and other international institutions).  
Lead a research program on the development of earth-based mortars for the consolidation of prehistoric sites in collaboration with Dr. Eleni Toumpakari, Ministry of Culture Department of Restoration of Ancient Monuments.
- 2006-2014 **TEI of Athens, Dept of Conservation of Antiquities and Works of Art**, Visiting Lecturer specialising on architectural conservation and conservation of mosaics.
- 2006 **University of Damascus, Syria** - Visiting Lecturer, lecture series on the Conservation of Mosaics.
- 2008 **Ministry of Culture, Greece**, Consultant in Mosaic Conservation Projects.  
Undertook a survey of the Mosaics of the **Archaeological Museum of Algiers** on behalf of the Greek Government and submitted a proposal for their conservation and presentation
- 2004 -2011 **Dept. of Archaeology, Ministry of Culture, Damascus, Syria** – Designed and supervised a Training Program of the European Centre for Byzantine and Post Byzantine Monuments on the Conservation of Mosaics in Syria.  
-Surveyed the storerooms and laboratories of various museums of Syria including the Archaeological Museum and the Citadel of Damascus in 2004, and the museums of Hama and Sweida.  
-Contributed to the development of the on–line conservation data base of the Archaeology Department.  
- Designed (2006) and set up (2008-2010) a Mosaic Conservation Laboratory at the Archaeological Museum of Hama, where a series of seminars and laboratory demonstrations on the conservation, mounting and storage of detached mosaics took place until 2011.
- 1999-present **European Center for Byzantine and Post Byzantine Monuments-Greece (EKBMM)** - Organised and directed architectural (mosaic and masonry) conservation and training programs at **Deir Ain Abata** and the World Heritage Site of **Um Al Rasas in Jordan**.  
- In charge of the conservation of in situ and lifted mosaics. Organising and implementing training programs for the local personnel, public awareness/involvement activities and educational programs for school students and the publi in the area of the south Dead Sea coast.  
- Scientific analysis of mosaics and wall paintings.  
-Training of undergraduate and graduate students from various conservation and archaeology programs (Dept. of Conservation of Archaeological Material and Works

of Art, of the TEI of Athens, the Institute of Archaeology, U.C.L., London, University of Sidney).

- Designed (2007) and set up (2010-2011) of the conservation laboratory of the **'Museum at the lowest Place on Earth'** in the Southern Jordan Valley which was inaugurated in May 2012.

- 1993 - 1998 **Deir Ain Abata, Jordan – British Museum:** Site and Mosaic Conservation at the Monastery of St. Lot, under the auspices of the Ministry of Tourism and Antiquities, Jordan and the British Museum.
- 1995 - 1997 **Kavousi Excavations, Crete** (American School of Classical Studies at Athens). Conservation of pottery and other movable finds.
- 1992 - 1997 **Knossos Excavations - Stratigraphical Museum, Crete** (British School of Archaeology at Athens) - Conservator of pottery, metal, ivory and other small finds from the Knossos excavations. Planning and supervision of the first aid and reburial program for the mosaics of the Villa Dionysos at Knossos (1997).
- 1991 - 1993 **Stone Conservation Institute, Athens** - Research assistant working on XRD, SEM analysis and on the study of the "Effects of Environmental Factors on the Historical Monuments". A joined project of the Ente per Le Nuove Tecnologie, L'Energia et L' Abiente (ENEA), Italy and the Stone Conservation Institute, Ministry of Culture, Greece, in the framework of the EC Project STEP 0143 - IT.
- 1991 **17th Ephoreia of Prehistoric and Classical Antiquities (Ministry of Culture, Greece)** – Conservation of stone/masonry at the "Great Tomb of Lefkadia".
- 1991 **21st Ephoreia of Prehistoric and Classical Antiquities (Ministry of Culture, Paros Museum)** – Conservation of Geometric pottery and iron objects.
- 1989 - 1992 **British School of Archaeology at Athens** - Conservator, and assistant curator for the exhibition of "Recent work of the Fitch Laboratory of Archaeometry in Feb 1992". Research assistant to Dr. Effie Photou-Jones in the study of archaeometallurgical activities in the island of Keos, carried out at the Stone Conservation Institute and the Fitch Laboratory.
- 1989 -1992 **Petras Excavations, Crete, 24<sup>th</sup>Ephoreia of Prehistoric and Classical Antiquities Ministry of Culture, Greece)** – Chief Conservator. Setting up a conservation laboratory at the Archaeological Museum of Siteia. Conservation of ceramics, stone, metal and bone objects from Petras excavations.

## PUBLICATIONS

**Chlouveraki, S.**, E. Nodarou, K. Zervaki, G. Kostopoulou, and M. Tsipopoulou, 2010., "Technological Observations on The Manufacture of The Late Minoan Goddesses from Halasmenos East Crete, as Revealed During the Process of Conservation", *Studies in Conservation*, vol. 55, no. Supplement 2, pp. 190-194

**Chlouveraki, S.** and Lugli, S., 2009, "Gypsum: a Jewel in Minoan Palatial Architecture: Identification and characterisation of its varieties" in Maniatis Y. (Ed), proceedings of the 7<sup>th</sup> *International Conference of ASMOSIA*, Thassos, Greece, 25-20 September 2003, *Bulletine Corespondance Hellenique (BCH)* Suppl Vol. 51 pp. 657-668

**Chlouveraki, S.**, Pouli, P., Melessanaki, K., Zervaki, K., Yiannakaki, M., 2005, "Laser Cleaning Studies on Hard Insoluble Alumino-silicate crusts on Minoan Pottery" in K. Dickmann, C. Fotakis, J. F. Asmus, Eds, *Proceedings of the 5th International Conference*

on Lasers in the Conservation of Artworks (LACONA V), Springer Proceedings in Physics, Vol. 100, pp.143-148

Melessanaki, K. Mastrogiannidou, A. **Chlouveraki, S.** Ferrence, S. C. Betancourt, P. P. Anglos, D. 2005, "Analysis of Archaeological Objects with LMNTI.: A New Transportable LIBS Instrument, in Dickmann, K., Fotakis, C., Asmus, J. F., Eds, *Proceedings of the 5<sup>th</sup> International Conference on Lasers in the Conservation of Artworks ( LACONA V)*, Springer Proceedings in Physics, Vol. 100, pp.443-550

**Chlouveraki, S.** 2002, "Exploitation of gypsum in Minoan Crete", in Lazzarini, L. Ed, *Interdisciplinary Studies on Ancient Stone, Proceedings of the 6<sup>th</sup> International Conference of ASMOSIA held in Venice 15-18 June 2000*, Aldo Ausilio Editore in Padova, Venice pp. 25-34

**Chlouveraki, S.**, Politis, K.D., 2003, "The documentation and conservation of the nave mosaic at the Monastery of Agios Lot at Deir 'Ain 'Abata in Jordan" in Michaelides, D., Ed, *Mosaics Make a Site. The Conservation in situ of Mosaics on Archaeological Sites, Proceedings of the VIth Conference of the International Committee for the Conservation of Mosaics* Nikosia, Cyprus, 24-28 October 1996, pp. 149-156

Zervaki, K., **Chlouveraki, S.** 2006, "Study on Cleaning Methods of Alumino-silicate Sediments Deposited on the Ritual Vessels of the LM Shrine of Halasmenos", *Πεπραγμένα Θ' Διεθνούς Κρητολογικού Συνεδρίου*, σελ. 303-318

**Chlouveraki, S.**, Melessanaki, K., Anglos, D., 2008, "LIBS as an Identification and Documentation Tool in the Conservation Process: Applications at the W.D.E. Coulson Conservation Laboratory, INSTAP-SCEC", in V. Argyropoulos, A.Hein and M. A. Harith Eds. in *Strategies for Saving our Cultural Heritage*, Proceedings of the International Conference on Conservation Strategies for Saving indoor Metallic Collections, Cairo 25/2 – 1/3 2007, pp. 46-52.

Melessanaki K., Mastrogiannidou, A., **Chlouveraki, S.**, Ferrence, S.C., Betancourt, P., and D.Anglos, 2008, "Analysis of Archaeological Objects with LMNTI, a new Transportable LIBS Instrument" in Facorellis, Y., Zacharias, N., Polikreti, K., Eds, *Proceedings of the 4th Symposium of the Hellenic Society for Archaeometry: National Hellenic Research Foundation, Athens, 28-31 May 2003*, Archaeopress 2008, pp.441-445

**Chlouveraki, S.** 2010, 'Training on the conservation of detached mosaic floors: objectives and teaching methodology of the E.K.B.M.M. program in Syria', *Proceedings of the 1st International Conference Ravenna Musiva, Ravenna, 22-24 October 2009*, pp. 251-263

**Chlouveraki, S.**, Karagianni, F., Malea, K., Rapti, S., Azar, A., Hjazi, M., Panagiari, G., 2011, 'The conservation of cultural heritage as a factor in economic development and national sovereignty: case studies of Hellenic conservation programs in Hama (Syria)', Proceedings of the 16th Triennial Conference of **ICOM-CC**, Lisbon 19-23 September 2011.

Toumpakari, E., **Chlouveraki, S.**, Kesselouri-Rigopoulou, 2012, 'Development and Pilot applications of cement-stabilized earth mortars for consolidation and conservation of archaeological sites in Greece', in the proceedings of *the International Conference on the Study and Conservation of Earthen Architectural Heritage*, 23-27 April 2012,

COMOS/ISCEAH and the Pontificia Universidad Católica del Perú (PUCP), Electronic Publication, Theme 3-015.

**Chlouveraki, S.**, Giannakaki, M., and Politis, K., 2014, 'Observations on the Technology of the Early Christian Mosaics at the Basilica of Saint Lot, Jordan', in D. Michaelides, A.M Guimier-Sorbets, and R. Nardi (eds.) *Proceedings of the 10th Conference of the International Committee for the Conservation of Mosaics (ICCM) in Palermo 20-26 October 2008*. Palermo: Regione Siciliana, 131-144.

**Chlouveraki, S.** & Mahamid, B., In press, Revising the reburial of the mosaics of the "Church of the Lions" at Um Er Rasas: A "low-cost" solution in a case of emergency. 12<sup>th</sup> *Conference of the International Committee for the Conservation of Mosaics (ICCM), 20-27 October 2014*, Alghero, Sardinia, Getty Publications, in press.

**Chlouveraki, S.**, Katrakazis, T., 2014, The impact of cost and benefit as decision criteria for the Mosaic Conservation Project at the Museum at the Lowest Point on Earth, Jordan, *Poster, Presented at the 12th Conference of the International Committee for the Conservation of Mosaics (ICCM)*, Alghero, Sardinia, Getty Publications, in press.

**Chlouveraki, S.**, Krini, M., Anamaterou, E., 2011, Surveying as means for the development of a national strategy for the conservation and management of the mosaics of Greece, *Presented at the 11th Conference of the International Committee for the Conservation of Mosaics (ICCM) in Meknes*, in press.

Tsoupra, A., Al Ahmad, A., Lada, N., Misemikes, G., **Chlouveraki, S.**, Learning from the consequences of inappropriate lifting methods: Case studies at the Mosaic Conservation Lab in Hama, Syria, *Poster, Presented at the 11th Conference of the International Committee for the Conservation of Mosaics (ICCM) in Meknes*, in press.

Kindt, M., **Chlouveraki, S.**, Managing the loss: a comparative study of theories on aesthetic reintegration of lacunae in mosaic floors, *Poster, Presented at the 11th Conference of the International Committee for the Conservation of Mosaics (ICCM) in Meknes*, in press.

Τουμπακάρη, Ε., **Χλουβεράκη, Σ.**, Σχεδιασμός και εφαρμογή σταθεροποιημένων κονιαμάτων από εδαφικό υλικό για τη στερέωση και συντήρηση προϊστορικών αρχαιολογικών χώρων, *Πρακτικά του Συνεδρίου Η Συντήρηση της Πολιτιστικής Κληρονομιάς: Προκλήσεις και Επαναπροσδιορισμοί*, Αθήνα 2015, (in press)

**Chlouveraki, S.**, Protective measures and remedial conservation: Integral parts of the excavation program or post-excavation pendency?, Presented at the *International colloquium and Round Table, Modern methods for the preservation of newly uncovered archaeological structures; Emergency conservation, protective covering, historical climate and reburial of archaeological monuments*, 10–13 November 2015, Sofia and Haskovo, Institute for Immovable Cultural Heritage (NINKN), under the UNESCO Participation Programme, within the initiatives dedicated to the 70<sup>th</sup> anniversary of UNESCO (έχει υποβληθεί για δημοσίευση).

**Chlouveraki, S.**, Documentation and Conservation of Mosaics In Situ: Training and public awareness activities at the National Garden of Athens, *Palestinian Mosaic Art International Conference, Comparing Experiences*, 11-13 May 2016, Jericho, Palestine

(in press)

Tsoupra, A., Mahamid, B., Agavanakis, G., Xourgias, C., Misemikes, G., Chalatsi, Z., **Chlouveraki, S\***, Developing a strategy towards the conservation and protection of the mosaics of Um Er-Rasas, *STAC8 Conference*, Amman, Jordan 21-25 May 2017, (in press)

### **Contribution in Books**

‘Εισαγωγή στην Προληπτική Συντήρηση των *in situ* ψηφιδωτών δαπέδων’, στο Καρύδης, Χ, Κουλουμπή, Ε., και Σακελαρίου Α., ‘Η Επιστήμη της Προληπτικής Συντήρησης, Διατήρηση και Διαχείριση Συλλογών’, 2013, Time Heritage, ISBN 13 9789608986923, σελ. 210-221

**Deterioration of Mosaics**, in *The SAS Encyclopedia of Archaeological Sciences*, edited by Professor Sandra L. López Varela, Wiley, USA

**The emergence of archaeological conservation in Greece and the Aegean**, in ‘*A Companion to Aegean Art and Architecture*’ *A Companion to Aegean Art and Architecture*, Edited by Louise A. Hitchcock, Wiley-Blackwell, UK, in press

### **Newletters, Periodicals**

Chlouveraki, S., 1997, Conserving mosaics in Jordan, *MINERVA Archaeological Reports*, Vol. 8, No 1, pp. 36-39

Chlouveraki, S. 2000, The Archaeology of Minoan Gypsum, *Bulletin of the Institute of Classical Studies*, Vol. 44, pp.119-220

Chlouveraki, S. and K. D. Politis, 2001, The Monastery of Agios Lot, Deir Ain Abata, Jordan, *ΔΕΛΤΙΟΝ – Ευρωπαϊκό Κέντρο Βυζαντινών και Μεταβυζαντινών Μνημείων*, Vol.2, pp. 48-59

Chlouveraki, S., 2002, Πρόγραμμα Συντήρησης Ψηφιδωτών Δαπέδων στο Μοναστήρι του Αγίου Λωτ, *ΔΕΛΤΙΟΝ της Ελληνικής Εταιρίας Μεσανατολικών Σπουδών* Vol 2/1, σελ. 6-8

Chlouveraki, S., 2005, Site Conservation and Maintenance, *KENTRO, the Newsletter of the INSTAP Study Center fir East Crete*, Vol.8, pp. 8-10