

# VASILIKI LYSANDROU

## CURRICULUM VITAE

### Education

- 2009 – 2014: *PhD*, University of Cyprus, Department of History and Archaeology, Postgraduate Program in Mediterranean Archaeology: From Prehistory to Late Antiquity. Thesis title: “Funerary Architecture during Hellenistic and Roman periods in Cyprus”.
- 2005 – 2007: *Scuola di Specializzazione*, in Restauro dei Monumenti, Università degli studi di Roma “La Sapienza”, Facoltà di Architettura ‘Valle Giulia’. Thesis title: “Sistemazione dell’ area archeologica della piazza ‘Palaion Dimarheion’, Nicosia Cyprus”
- 2004: Scuola Leonardo Da Vinci, Roma. Corso di Lingua e Cultura Italiana. Livello Superiore.
- 1998 – 2003: *Diploma (Ptychio)*, Faculty of Philosophy, School of History and Archaeology, Department of Archaeology, Aristotle University of Thessaloniki

### Additional Training/Seminars Attendance

Archaeological Photography – Drawing – Participation in Seminar regarding products and methods of Architectural Restoration - Conservation (ASS.I.R.C.CO, Rome 2005) - Participation in Seminar regarding Mosaic Conservation (ICCM, Palermo 2008) – Workshop participation for Wall Painting Conservation (Roma 2006) - Received training on the conservation of Mosaic, Stones and Icons (Conservation Laboratories of the Museum of Kykkos, Cyprus 2007-2009 - Training on the use of GIS software and analytical tools and their application to archaeology (Department of Civil Engineers and Geoinformatic of the Cyprus University of Technology) - One day training on Joomla, University of Cyprus (2014) - Workshop LiDar tools, (Second International Conference on Remote Sensing and Geoinformation 2014, 9-14 April 2014, Paphos, Cyprus) (04/2014), etc.

### Additional Qualifications

- Languages
- Greek - native
  - Italian – full professional proficiency
  - English – full professional proficiency
  - French – limited working proficiency
  - Romanian – learning
  - Ancient Greek – professional working proficiency
  - Latin – professional working proficiency
- Computing skills/Software
- Microsoft Office (Word, Excel, Power Point, Access), Internet Explorer, Joomla AutoCAD, ArcGIS, Adobe Photoshop, Photo-Modeler, etc.
- Scientific Instruments
- Topographic equipment (level, GPS, Total Station)

## Awards

29/01/2014 Awarded with the prize of “Greek Culture” by the University of Cyprus for the best performance in the last year course during PhD studies. The award concerned candidates with best knowledge of issues related to history, archaeology and generally culture of Greek Civilization.

## Professional Membership

2012 - 2015

- Elected Secretary of the Board of Directors of the Association of Cypriot Archaeologists

For various years  
Member of:

- Association of Cypriot Archaeologists (ACA), International Council of Monuments and Sites (ICOMOS), International Committee for the Conservation of Mosaics (ICCM), Forum Italiano Calce, Society of Cypriot Studies, Earth Observation in Cultural heritage Documentation Task Group 5 CIPA etc.

## Teaching

- Summer semester 2017-17: Teaching Fellow (Special Scientist), University of Cyprus, Department of History and Archaeology. Course: Classical Archaeology, Topic: Burial customs of Hellenistic and Roman Cyprus (ARCH 265)
- Winter semester 2015-16: Teaching Fellow (Special Scientist), University of Cyprus, Department of History and Archaeology. Course: Classical Archaeology, Topic: Burial customs of Hellenistic and Roman Cyprus (ARCH 265)
- Summer semester 2016-17: Teaching Fellow (Special Scientist), Cyprus University of Technology, Department of Civil Engineering and Geomatics. Course: Monuments survey (GEO436)
- June – July 2015: Cyprus University of Technology, Department of Civil Engineering and Geomatics, training course for the archaeologists of the Committee of Missing Persons in Cyprus. Topic: “Basic Theory and Software Application Geodesy-GIS – Remote Sensing – UAV”
- March 2012: Invited lecturer, University of Cyprus, Department of History and Archaeology. Course: Classical Archaeology (ARCH 124). Topics: “Introduction to Restoration Science. Theory and practice” and “Introduction to Preventive Conservation”

## Current position

01/2017 – 12/2018: Postdoc Researcher, Department of History and Archaeology, Archaeological Research Unit  
Project title: «Μια σύγχρονη προσέγγιση της αρχαίας νεκρόπολης της Νέας Πάφου: Εφαρμογές Γεωγραφικών Συστημάτων Πληροφοριών (GIS) στην Αρχαιολογία» - SPACE

## Professional Experience

- 04/2014 – 12/2016: Postdoc Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology.
- 07/2013 – 12/2014: Part time Archaeological Officer, Museum of Kykkos, Conservation Laboratories, Cyprus.
- 09/2007 – 06/2013: Full time Archaeological Officer, Museum of Kykkos, Conservation Laboratories, Cyprus.
- 06/2007 – 09/2007: Archaeologist at the Committee on Missing Persons, Cyprus.
- 10/2003 – 02/2004: Part time Archaeological Officer, Museum of Kykkos, Cyprus.
- 09/2002 – 09/2003: Archaeologist at the excavation of “Palaion Dimarheion”, Nicosia, Department of Antiquities of Cyprus

### Research - Professional activity

- 09/2015 – 04/2015: Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the H2020 Twinning funded scientific program: “ATHENA: Remote Sensing Science Center for Cultural Heritage”, (€972841.25).
- 04/2015 – Today: Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the co-operation with the Committee on Missing Persons in Cyprus (CMP), “*Forensic Archaeology*”.
- 05/2015 – Today: Identifying slag at Kataliondas--Kourvellos, using hyperspectral imaging: A short-term, non-invasive Swiss-Cypriot field research project presented to the Cyprus Department of Antiquities, Coordinator Dr. Julien Beck, University of Geneva with Switzerland’s Ecole polytechnique fédérale de Lausanne (EPFL).
- 06/2015 – Today: Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Heritage Plus Joint Call funded scientific program: “*Protection of European cultural heritage from geo - hazards*”, (€790 600).
- 06/2015 – Today: Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the Heritage Plus Joint Call funded scientific program: “*Cultural Landscape risk Identification, Management and Assessment*”, (€774 944).
- 04/2015 – 05/2015 Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the University of Cyprus program: *Detection of buried archaeological remains using remote sensing techniques within the city walls of Nicosia* (€3 500).
- 03/2015 – Today: Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the “*Elitarion*” member of an interdisciplinary research team for digital recording, documentation and research of historical monuments of the Archbishop of Limassol.

- 07/2014 – Today: Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the frame of the INTRERREG IV funded scientific program: “*Marine Spatial Planning*”, (€3 500 000).
- 04/2014 – 06/2014: Associate Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the field of “Study and Mapping of Archaeological Sites and Monuments”.
- 05/2012 – 05/2014: Principal Researcher for the Kykkos Museum in the framework programme for Research, Technological Development and Innovation 2009-2010 of the Cyprus Promotion Research Foundation. Project title: “Managing Cultural Heritage Sites through Space and ground Technologies using Geographical Information Systems: A Pilot application at the archaeological sites of Paphos”, (Coordinator: Department of Civil Engineering and Geoinformatics of Cyprus University of Technology / Total budget: €119 566).
- 06/2013 – 07/2013: Researcher at the Department of Civil Engineering and Geoinformatics of Cyprus University of Technology in the field of “Detecting buried archaeological residues” in the framework programme for Research, Technological Development and Innovation 2009-2010 of the Cyprus Promotion Research Foundation. Project title: “Developing of a low altitude airborne remote sensing system”, (Coordinator: Department of Civil Engineering and Geoinformatics of Cyprus University of Technology).

### Archaeological Research Projects

#### Short/long term archaeological projects / field surveys-excavations

- 05/2015-10/2015 Assistant Director Field archaeologist of the excavation at Akaki village buffer zone (Coordinator: Department of Antiquities of Cyprus / Excavation Director Dr. F. Hatzichristofi).
- June-July 2015 Medieval Castle of Kato Paphos. Survey of the state of preservation of the monument. Mapping and documenting the monument’s degradation, description of deterioration impact on the monument (Department of Antiquities/Aristotelian University of Thessaloniki).
- 03/2015-04/2015 Detection of buried archaeological remains using remote sensing techniques within the city walls of Nicosia; Geophysical prospection and UAV documentation ()
- 11/2014– Today: Investigation and mapping of the *Agios Sozomenos* archaeological site (Late Bronze Age), Department of Antiquities, (Coordinator: Department of Antiquities of Cyprus / responsible archaeologist Dr. D. Pillides).
- 05/2014 – Today: Consortium member of the “*Kourion Urban Space Project*”, Institute of Archaeology, Southwestern Baptist Theological Seminary (principal investigator Thomas Davis).
- 2009 - 2012: Excavation program in *Avli*, Pano Pyrgos Tillyrias. Kykkos Museum. Coordinator: Mr. S. Perdikes – Excavation assistant director: Dr. V. Lysandrou.
- 01/2015: Documentation of ancient tombs, site *Mnimata ton Ellinon*, Sotera village, Famagusta, (coordinator: Department of Antiquities of Cyprus).

- 11/2014: Mapping of ancient necropolis and tombs, site *Mnimata ton Ellinon*, Sotera village, Famagusta, (coordinator: Department of Antiquities of Cyprus).
- 09/2014-10/2014 Research Associate for the website (editing, organise, update) of the research programme ARIEL (*Archaeological Investigation of the Extra-Urban Landscape in Eastern Mediterranean centres: a case-study at Palaepaphos*).
- 2007-2014: Management of Kykkos Museum Ancient Collection and Coin Collection and of the relative databases (registration, description, study and chronology of artifacts, photographic documentation, environmental control of the items exposed in the Museum's collection).
- 2007-2014: Management of ancient monuments within the Episcopical area of Kykkos and Tilliria.
- 10/2009: Archaeological survey in the vicinity of *Mansura region Roman* – Identifying and mapping Hellenistic and Roman Tombs, Museum Kykkos Monastery.
- 2009-2010: Identify, record, study, description and photographic documentation of churches and chapels of the 45 village of the Episcopal Region of Tamasos and Orini. Publication of results in a monograph (v. publications).
- 2008-2009: Architectural Documentation of a Medieval Tower in Kato Pyrgos Tillirias, Cyprus. Historical/archival study, preparation of conservation / valorisation and intervention proposals of the monument and its environment and synthesis of preliminary plans of monument's landscape.
- October 2008: Director Assistant for the excavation at "Ayli" site, Pano Pyrgos Tyllirias, Cyprus.
- 2007-2009: European University of Cyprus, cooperation for digitization part of the collection of ancient artifacts of Kykkos Museum.
- 2007: Study, survey and preliminary conservation works of the ruined chapel of Santa Barbara at Kampos village, Cyprus (Kykkos Museum).
- 05/2006: Archaeologist at the excavation at Colosseo (Roma) under the Specialization School in Restoration of Monuments of the Architecture Faculty "Valle Giulia" of the University of Rome "La Sapienza".
- 09/2005: Conservation work at Castello di Sermoneta, under the Specialization School in Restoration of Monuments of the Architecture Faculty "Valle Giulia" of the University of Rome "La Sapienza", Italy (in the framework of series of lessons entitle "Technology of the Materials and Structural Problems of Monuments")
- 08/2002: Excavation at the prehistoric inhabitation "Arhontiko" at Giannitsa under "Aristotelian" University of Thessalonica, Greece

- 07/2002: Excavation of “Palaion Dimarheion”, Nicosia, Department of Antiquities of Cyprus
- Summer period 2001: Excavation at “Potamia - Ayios Sozomenos” (Cyprus) University of Provence and University of Cyprus, under the direction of the French Archeological School of Athens
- Winter period 2000: Excavation at “Agora” Pellas, “Aristotelian” University of Thessalonica, Greece
- Summer period 2000: Excavation at “Agora” Pellas, “Aristotelian” University of Thessalonica, Greece

## Publications

### Books:

1. **Lysandrou V.**, *Monuments of metropolitan region of Tamasos and Oreini. Churches and Chapels*, Nicosia 2011.

### Editor in books:

1. **Lysandrou V.**, *Restoration of Ancient Monuments and interventions in Archaeological Sites of Greece and Cyprus*, [Proceedings of scientific meeting, 24 October 2009, Nicosia Cyprus], Nicosia 2010.

### Editor in Journals:

1. Journal of Archaeological Sciences: Reports, Special section on “Scientific Trends for Cultural Heritage”, Guest Edited by Dr. Athos Agapiou, Dr. Vasiliki Lysandrou, Prof. Diofantos Hadjimitsis, Volume 14, Pages 715-799 (August 2017).
2. Guest Editor (along with A. Agapiou and D. Hadjimitsis) in *Journal of Archaeological Science: Reports*, Special Issue on “Scientific trends for Cultural Heritage: from identification and understanding to protection”.
3. Guest Editor (along with A. Agapiou and D. Hadjimitsis) in MDPI Remote Sensing Journal, Special Issue on “Advances in Remote Sensing for Archaeological Heritage”.

### Chapters in books:

1. **Lysandrou V.**, “I fiori e la vegetazione”, Studi Giorgioneschi, *Annuario per l'arte del Rinascimento*, Roma 2007.
2. **Lysandrou V.**, “Churches and chapels of metropolitan region of Tamasos and Oreini” («Ναοί και ξωκλήσια της μητροπολιτικής περιφέρειας Ταμασού και Ορεινής»), in *Holy Metropolis of Tamasos and Oreini. History-Monuments-Art (Ιερά Μητρόπολις Ταμασού και Ορεινής. Ιστορία-Μνημεία-Τέχνη)*, Nicosia 2012, pp. 125-140.
3. **Lysandrou V.**, Section “Ancient Cyprus, art” («Αρχαία Κύπρος, τέχνη») in *Great Christian Encyclopedia (Μεγάλη Χριστιανική Εγκυκλοπαίδεια)*, vol. 7, Athens 2014.

### Papers in peer review journals:

1. **V. Lysandrou**, A. Agapiou, D. Michaelides, G. Papasavvas, “The Eastern necropolis of Nea Paphos: overcoming challenges in a lost landscape”, *Journal of Archaeological Science: Reports* (submitted)
2. Agapiou A., **Lysandrou V.**, Sarris A., Papadopoulos N., Hadjimitsis D.G., “Fusion of Satellite Multispectral Images Based on Ground-Penetrating Radar (GPR) Data for the Investigation of Buried Concealed Archaeological Remains”, *MDPI Remote Sensing and Geosciences for Archaeology* 2017, 7(2), 40; doi:10.3390/geosciences7020040
3. **Lysandrou V.** and Agapiou A, “Advancing archaeological research through remote sensing: the example of Tylliria area in Cyprus”, *Global Journal of Archaeology & Anthropology*, Volume 1 Issue 1 – February 2017, Juniper Publishers Inc. 1890 W Hillcrest Dr, Newbury Park, CA 91320, United States
4. Cerra, D., Plank, S., **Lysandrou, V.**, Tian, J., 2016, Cultural Heritage Sites in Danger—Towards Automatic Damage Detection from Space. *Remote Sens.* 2016, 8(9), 781; doi:10.3390/rs8090781

5. Agapiou A., **Lysandrou V.**, Lasaponara R., Masini N., Hadjimitsis D. G., 2016, Study of the variations of archaeological marks at Neolithic site of Lucera, Italy using multispectral high resolution datasets, *Remote Sensing* 2016, (8) 9, 723; doi: 10.3390/rs8090723.
6. Agapiou A., **Lysandrou V.**, Cuca B., Sarris A., Schreier G. Hadjimitsis D. G., 2016, Remote Sensing Heritage in a petabyte-scale: Satellite Data and Heritage Earth Engine© applications, *International Journal of Digital Earth*, (in preparation).
7. **Lysandrou V.**, Cerra D., Agapiou A., Charalambous E., Hadjimitsis D. G., 'Towards a spectral library of Roman to Early Christian Cypriot floor mosaics', *Journal of Archaeological Science: Reports* (2016), <http://dx.doi.org/10.1016/j.jasrep.2016.06.029>
8. Kyriakides N., **Lysandrou V.**, Agapiou A., Illampas R., Charalambous E., 'Correlating damage condition with historical seismic activity in underground sepulchral monuments of Cyprus', *Journal of Archaeological Science: Reports* (2016), doi:10.1016/j.jasrep.2016.07.007
9. Agapiou A., **Lysandrou V.**, Hadjimitsis D. G., 'The Cyprus coastal heritage landscapes within Marine Spatial Planning process', *Journal of Cultural Heritage* 23 (2017), 28-36. <http://dx.doi.org/10.1016/j.culher.2016.02.016>
10. Agapiou A., **Lysandrou V.**, Themistocleous K., Hadjimitsis D. G., 2015 'Risk assessment of Cultural Heritage Sites Clusters Using Satellite Imagery and GIS: the case study of Paphos District, Cyprus', *Journal Natural Hazards*, vol. 81. DOI: 10.1007/s11069-016-2211-6  
<http://link.springer.com/article/10.1007/s11069-016-2211-6>
11. Agapiou A. and **Lysandrou V.**, "Remote sensing archaeology: Tracking and mapping evolution in European scientific literature from 1999 to 2015", *Journal of Archaeological Science: Reports* 4 (2015), 192-200.  
<http://dx.doi.org/10.1016/j.jasrep.2015.09.010>
12. Agapiou A., **Lysandrou V.**, Alexakis D. D., Themistocleous K., Cuca B., Argyrou N., Sarris A., Hadjimitsis D. G., "Cultural heritage management and monitoring using remote sensing data and GIS: the case study of Paphos area, Cyprus", *Computers Environment and Urban Systems* 54 (2015), 230-239.  
<http://dx.doi.org/10.1016/j.compenvurbsys.2015.09.003>
13. **Lysandrou V.** and Agapiou A. 2015. "Cities of the dead: Approaching the landscape of Hellenistic and Roman necropoleis of Cyprus", *Journal of Archaeological and Anthropological Sciences*, 8(4), 867-877. DOI 10.1007/s12520-015-0267-y
14. Agapiou A., Alexakis D.D., **Lysandrou V.**, Sarris A., Cuca B., Themistocleous K., Hadjimitsis D.G., "Impact of Urban Sprawl to cultural heritage monuments: The case study of Paphos area in Cyprus", *Journal of Cultural Heritage* vol. 16, issue 5 (2015), 671-680.  
[doi:10.1016/j.culher.2014.12.006](http://dx.doi.org/10.1016/j.culher.2014.12.006)
15. Themistocleous K., **Lysandrou V.**, Cuca B., Agapiou A., Hadjimitsis D.G., 'Exploring the ancient Kourion City site from the air using unmanned aerial vehicles, Cyprus', *International Journal Heritage in the Digital Era*, 4(3), 307-323, (2015),
16. Themistocleous K., Nisanzi A., Agapiou A., Alexakis D.D., Hadjimitsis D.G., **Lysandrou V.**, Perdikou S., Retalis A., Chrysoulakis N., 2012. "Long term monitoring of air pollution on monuments and cultural heritage sites in Cyprus using satellite remote sensing", *International Journal Heritage in the Digital Era*, 2012; 1(1), 145-167.

Papers in journals:

1. Julien Beck, Athos Agapiou, Patrizia Birchler Emery, Dragos Constantin, **Vasiliki Lysandrou**, Bertrand Merminod, Kyriakos Themistocleous, "TELEDETECTION DE SCORIES PAR IMAGERIE HYPERSPECTRALE À KATALIONDAS KOURVELLOS (CHYPRE): PREMIERS ESSAIS", *Antike Kunst* 59, 2016, pp. 163-167.
2. **Lysandrou V.**, Agapiou A., «Νέες προσεγγίσεις στην αρχαιολογική έρευνα και τη διαχείριση της πολιτιστικής κληρονομιάς της Κύπρου: Εφαρμογές Τηλεπισκόπησης και Γεωγραφικών Συστημάτων Πληροφοριών», πρακτικά *Δημερίδας Πολιτισμική Κληρονομιά: η δάσωση της Μνήμης*, ICOMOS Διεθνές Συμβούλιο Μνημείων και Χώρων Κυπριακό Τμήμα [21-22 Νοεμβρίου 2015, Λευκωσία]. (under publication).
3. **Lysandrou V.**, "Restoration proposal of the archaeological site of Palaion Dimarcheion square in Nicosia" («Πρόταση συστηματοποίησης του αρχαιολογικού χώρου της πλατείας Παλαιού Δημαρχείου στη Λευκωσία»), *Bulletin of the Society of Cypriot Studies (Δελτίο Εταιρείας Κυπριακών Σπουδών)*, τόμος Ο' (2006), Λευκωσία 2008.

Papers in conference proceeding:

1. **Lysandrou V.**, Agapiou A., Kyriakides N., Hadjimitsis D. G., From space to ground. Digital techniques for the investigation of monuments and sites, 10th MONUBASIN "Natural and Anthropogenic Hazards and Sustainable Preservation", 20 to 22 of September 2017, Athens, Greece. (submitted)
2. **Λυσάνδρου Β.**, Αγαπίου Α., «Η χαρτογράφηση του αρχαιολογικού έργου στην περιοχή Τηλλυρίας», Proceedings of the Second Conference *Tilliria Memories, History and Archaeology* [28 April 2012, Tilliria, Cyprus] (under publication).
3. Agapiou A. and **Lysandrou V.**, Satellite based investigation for detection of ancient tombs' looting in Cyprus, 2<sup>nd</sup> CAA-Gr Conference [Athens, 20-21 December 2016].
4. Patrizia Birchler Emery, Julien Beck, Athos Agapiou, Dragos Constantin, **Vasiliki Lysandrou**, Bertrand Merminod, Kyriakos Themistocleous, Linking a rural sanctuary with ancient metallurgy at Kataliondas Kourvellos (Cyprus), Proceedings of the Berner Altorientalisches Forum, vol.1 (2016). DOI: <http://dx.doi.org/10.22012/baf.2016.09>  
ISSN: 2504-2076
5. Hadjimitsis D. G., Agapiou A., **Lysandrou V.**, Themistocleous K., Cuca B., Nisantzi A., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Schreier G. "Educational activities of remote sensing archaeology (conf. presentation)". Proc. SPIE Vol. 10005, Earth Resources and Environmental Remote Sensing/GIS Applications VII (December 9, 2016). doi:10.1117/12.2242109.
6. Hadjimitsis D., Agapiou A., **Lysandrou V.**, Themistocleous K., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Schreier G., Establishing a remote sensing science center in Cyprus: first year of activities of ATHENA project, 6th International Euro-Mediterranean Conference (EuroMed 2016), 31 Oct. – 05 November 2016, Nicosia, Cyprus.
7. Hadjimitsis D., Agapiou A., **Lysandrou V.**, Themistocleous K., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Schreier G., Educational Activities of Remote Sensing Archaeology, SPIE Remote Sensing, 26-29 September 2016, United Kingdom



8. Themistocleous K., Agapiou A., **Lysandrou V.**, Cuca B., Tzouvaras M., Danezis C., Methodology for locale-scale monitoring for the PROTHEGO project: the Choroikoitia case study, SPIE Remote Sensing, 26-29 September 2016, United Kingdom.
9. Agapiou A., **Lysandrou V.**, K. Themistocleous, B. Cuca, R. Lasaponara, N. Masini, T. Krauss, D. Cerra, U. Gessner, G. Schreier, D. Hadjimitsis, 'Searching data for supporting archaeolandscape in Cyprus: an overview of aerial, satellite and cartographic datasets of the island', Fourth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2016), 4-8 April, 2016, Cyprus
10. Cuca B., Tzouvaras M., Agapiou A., **Lysandrou V.**, Themistocleous K., Nisantzi A., Hadjimitsis D.G., Earth Observation technologies in service to the Cultural Landscape of Cyprus: risk identification and assessment, Fourth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2016), 4-8 April, 2016, Cyprus.
11. Cerra D., Tian J., **Lysandrou V.**, Plank S., 'Automatic damage detection for sensitive cultural heritage sites', XXIII ISPRS Congress 2016, 12-19 July, 2016, Prague.
12. Themistocleous K., Agapiou A., **Lysandrou V.**, Hadjimitsis D. G 2015 'The use of UAV for remote sensing applications: case studies in Cyprus', SPIE conference, 21 - 24 September 2015, Toulouse, France.
13. Hadjimitsis D. G., Agapiou A., Themistocleous K., Mettas C., Evagorou E., Papoutsas C., Nisantzi A., Mammouri R., Tzouvaras M., **Lysandrou V.**, Cuca B., Christofe A., Aliouris K., Ioannou N 2015 'Resolving sea and land conflicts in Cyprus using marine spatial planning', 14th International Conference on Environmental Science and Technology, CEST2015, 3-5 September 2015, Rhodes, Greece.
14. Themistocleous K, **Lysandrou V.**, Cuca B., Agapiou A., Hadjimitsis D.G., 2015 'Exploring the ancient Kourion City site from the air using unmanned aerial vehicles', (EuroMed 2014).
15. Agapiou A., **Lysandrou V.**, Cuca B., Themistocleous K., Hadjimitsis D. G 2015 'Overview of Remote Sensing applications for Cultural Heritage in Cyprus in the "Pre-ESA" era', Advances in Remote Sensing for Cultural Heritage: from site detection, to documentation and risk monitoring, 12 - 13 November 2015, ESA – ESRIN, Frascati (Rome), Italy.
16. **Lysandrou V.**, Agapiou A., Hadjimitsis D.G., "Impact of modern evolution of Paphos town to its ancient necropoleis. A multi-temporal GIS and earth observation analysis", *Third International Conference on Remote Sensing and Geoinformation of Environment* [16-19 March, 2015, Pafos – Cyprus].
17. D. Hadjimitsis, A. Agapiou, C. Mettas, K. Themistocleous, E. Evagorou, B. Cuca, C. Papoutsas, A. Nisantzi, R. Mamouri, G. Soulis, Z. Xagoraris, **V. Lysandrou**, K. Aliouris, N. Ioannou, G. Pavlogeorgatos, "Marine Spatial Planning in Cyprus", *Third International Conference on Remote Sensing and Geoinformation of Environment* (RSCy 2015) [16-19 March, 2015, Pafos – Cyprus], Volume: in Press
18. D.G. Hadjimitsis, A. Agapiou, C. Mettas, K. Themistocleous, E. Evagorou, B. Cuca, C. Papoutsas, A. Nisantzi, R. E. Mamouri, G. Soulis, Z. Xagoraris, M. Tsouvaras, A. Christofe, **V. Lysandrou**, K. Aliouris, N. Ioannou and G. Pavlogeorgatos, 'Marine Spatial Planning In Cyprus', *Third International Conference on Remote Sensing and Geoinformation of Environment* [16-19 March, 2015, Pafos – Cyprus].
19. Argyriou N., Sarris A., Alexakis D. D., Agapiou A., Themistocleous K., **Lysandrou V.**, Hadjimitsis D.G., "Hazard analysis of active tectonics through geomorphometric parameters to cultural heritage sites conservation. The case of Paphos in Cyprus", *Second International Conference on Remote Sensing and Geoinformation of Environment* [7-10 April, 2014, Pafos – Cyprus].
20. Agapiou A., Nisantzi A., **Lysandrou V.**, Mammouri R., Alexakis D. D., Themistocleous K., Sarris A., Hadjimitsis D.G., "Mapping air pollution using Earth Observation techniques for cultural heritage", Proc. SPIE 8795, *First International Conference on Remote Sensing and Geoinformation of the Environment* (RSCy2013), 87950K (August 5, 2013); doi: 10.1117/12.2028234

21. Alexakis D. D., Agapiou A., Themistocleous K., **Lysandrou V.**, Sarris A., Hadjimitsis D. G., “Natural and human risk assessment of the archaeological sites of Paphos area (Cyprus) with the use of Remote Sensing and GIS”, 13th International Congress of the Geological Society of Greece, XLVII, No. 3 -1448-1457.
22. Chrysostomou C. Z., Hadjimitsis D.G, Agapiou A., **Lysandrou V.**, Themistocleous K., Demetriadou Chr., “Application of non-destructive techniques in assessing the quality of stone building materials in cultural heritage structures in Cyprus: use of ultrasonic and 3d laser scanning integrated approach for diagnostic tests”, *Archaeolingua*, 269-274, ISBN 978-963-9911-16-1. *Proceedings 3rd International Euro-Mediterranean Conference (EuroMed2010)*, [8-13 November 2010, Limassol, Cyprus], *Digital Heritage*, Archaeolingua: Budapest 2010.
23. **Lysandrou V.**, Agapiou A., “Comparison of documentation techniques for the restoration and rehabilitation of cultural heritage monuments: the example of Pyrgos ‘Troulli’ medieval tower in Cyprus”, *Proceedings of the 3rd International Euro-Mediterranean Conference on Digital Heritage (EuroMed2010)*, [8-13 November 2010, Limassol, Cyprus], *Archaeolingua*: Budapest 2010, 21-26. ISBN 978-963-9911-16-1.
24. **Lysandrou V.**, Agapiou A., “Documentation of ancient tombs in Tilliria area (Cyprus) using Geographic Information Systems”, *Proceedings of the 38th International Annual Conference on Computer Applications and Quantitative Methods in Archaeology (CAA)*, [6-9 April 2010, Granada, Spain], Spain 2010.
25. **Lysandrou V.**, Stylianos G., “The Importance and Challenges of E-Documentation for the Conservation field”, *Proceedings of the 14th International Conference on Virtual Systems and Multimedia (VSMM)*, [20-26 April 2008, Λεμεσός, Κύπρος, *Digital Heritage*], Cyprus 2008.
26. **Lysandrou V.**, Stylianos G., Christoforou M., “3D Digitization and Virtual Restoration of Ceramic Shells”, *Proceedings of the 8th International Symposium on the Conservation of Monuments in the Mediterranean Basin (MONUBasin)*, [31 May - 2 June 2010, University of Patras, Greece, *Monument Damage Hazards and Rehabilitation Technologies*].
27. **Lysandrou V.**, “A Medieval watch tower at Kato Pyrgos Tillirias” («Ένα Μεσαιωνικό Παρατηρητήριο στον Κάτω Πύργο Τηλλυρίας», *Proceedings of the A’ Conference Tilliria Memories, History and Archaeology* [4-5 April 2009, Tilliria, Cyprus], Λευκωσία 2010.
28. **Lysandrou V.**, Charalampous E., “Reburial of mosaic pavements. An *in situ* conservation method”, *Proceedings of the 11th Conference of the International Committee for the Conservation of Mosaics (ICCM 2011)*, [October 24-27, Morocco] (in press).
29. Charalampous E., **Lysandrou V.**, “Geometric configurations on Cypriot floor mosaics”, *Proceedings of the 11th Conference of the International Committee for the Conservation of Mosaics (ICCM 2011)*, [October 24-27, Morocco] (in press).

Poster Presentations – Abstracts:

1. **Lysandrou V.**, Agapiou A., An aerial investigation of the eastern necropolis of Nea Paphos, Cyprus, AARG 2017 Annual Conference Pula, Croatia 13th to 15th September, 2017.
2. Kouhartsiouk D., Agapiou A., **Lysandrou V.**, Themistocleous K., Nisantzi A., Hadjimitsis D. G., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Exploring the Importance of Monitoring the Fire Risk Index in the vicinity of Cultural Heritage Sites in Cyprus using Sentinel Remote Sensing data, 11th EARSeL Workshop, 25-27 September 2017 Chania, Crete. (submitted)

3. Agapiou A., **Lysandrou V.**, Themistocleous, K., Kouhartsiouk D., Nisantzi A., Cerra D., Gessner U., Krauss T., Schreier G., Lasaponara R., Masini N., Hadjimitsis D. G., Copernicus and Cultural Heritage in the Eastern Mediterranean under the 'ATHENA' Project, RSPSoc 2017 Annual Conference Earth & Planets: making the most of our observations, 5th – 8th September 2017, Imperial College London, UK. (submitted)
4. Agapiou A., **Lysandrou V.**, Zorpas E., Hadjimitsis D. G., “Coastal archaeological sites and coastline changes: a multi-temporal GIS study based on aerial and satellite imageries in Cyprus”, European Geosciences Union General Assembly 2017, Vol. 19, EGU2017-6063, 2017.
5. Kouhartsiouk D., Agapiou A., **Lysandrou V.**, Themistocleous K., Nisantzi A., Hadjimitsis G. D, Lasaponara R., Masini N., Brcic R, Eineder M., Krauss T., Cerra D., Gessner U., Schreier G., “Active Satellite Sensors for the needs of Cultural Heritage: Introducing SAR applications in Cyprus through ATHENA project”, European Geosciences Union General Assembly 2017, Vol. 19, EGU2017-11758, 2017.
6. Cuca B., Agapiou A., Tzouvaras M., **Lysandrou V.**, Themistocleous T., Nisantzi A., Evagorou E. and Hadjimitsis D. G., “Evaluating effects of Soil erosion by water on Cultural Heritage Sites: case study of Paphos district”, Fifth International Conference on Remote Sensing and Geoinformation of the Environment 2017, 20-23 March, 2017, Cyprus.
7. Cerra D., Tian J., **Lysandrou V.**, Plank S., Krauß T., “Automatic damage detection for sensitive cultural heritage sites”, Fifth International Conference on Remote Sensing and Geoinformation of the Environment 2017, 20-23 March, 2017, Cyprus.
8. **Lysandrou V.** and Agapiou A., Elaborating latent and apparent knowledge configurations in Hellenistic and Roman landscape of Cyprus, 2nd CAA-Gr Conference [Athens, 20-21 December 2016].
9. Hadjimitsis D., Agapiou A., **Lysandrou V.**, Themistocleous K., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Schreier G., Establishing a remote sensing science center in Cyprus: first year of activities of ATHENA project, 6th International Euro-Mediterranean Conference (EuroMed 2016), 31 Oct. – 05 November 2016, Nicosia, Cyprus.
10. Hadjimitsis D. G., Agapiou A., **Lysandrou V.**, Branka C., Themistocleous K., Nisantzi A., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Schreier G., ATHENA: Center of Excellence in Cyprus in the Field of Remote Sensing for Cultural Heritage in the Areas of Archaeology and Cultural Heritage, 6th GEOBIA 2016, 14-16 September, 2016 / Enschede, The Netherlands.
11. Hadjimitsis D. G., Agapiou A., **Lysandrou V.**, Branka C., Themistocleous K., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Schreier G., ATHENA: Remote Sensing Science Center for Cultural Heritage in Cyprus. European Geosciences Union – EGU, General Assembly 2016, 17 – 22 April 2016, Vienna, Austria.
12. Hadjimitsis D. G., Agapiou A., **Lysandrou V.**, Branka C., Themistocleous K., Nisantzi A., Lasaponara R., Masini N., Krauss T., Cerra D., Gessner U., Schreier G., Establishment of a center of excellence in the field of remote sensing for cultural heritage at the Cyprus university of technology: the 'ATHENA' Horizon 2020 Twinning project, Fourth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2016), 4-8 April, 2016, Cyprus.
13. Kyriakides N., **Lysandrou V.**, Agapiou A., Illampas R., Charalambous E., ‘Correlating damage condition with historical seismic activity in underground sepulchral monuments of Cyprus’, Fourth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2016), 4-8 April, 2016, Cyprus.

14. Agapiou A., Alexakis D.D., **Lysandrou V.**, Themistocleous K., Hadjimitsis D.G., "Monitoring urban sprawl in the vicinity of Cultural Heritage Sites using Geoinformatics: the case study of the Paphos district, SW Cyprus", 2nd Cyprus Safety Platform Symposium in Man-Made Catastrophes, 30 January 2013, Nicosia.
15. **Lysandrou V.**, Agapiou A., "The archaeological activity in Tilliria region. Mapping the results" («Το αρχαιολογικό έργο στην περιοχή Τηλλυρίας και η χαρτογράφηση των αποτελεσμάτων»), Second Conference Tilliria: Memories, History and Archaeology [Kato Pyrgos, 28-29 April 2012].
16. Agapiou A., **Lysandrou V.**, Hadjimitsis D. G., Alexakis D.D., Themistocleous K., Michaelides S., Long term monitoring of open-air monuments under threat: the case study of the "Tombs of the Kings", Nea Pafos, Cyprus. European Geosciences Union - EGU, General Assembly 2012, Vienna , Austria, 22 – 27/04/ 2012.
17. Violaris I. and **Lysandrou V.**, "Contribution to the topography of Medieval Nicosia" («Συμβολή στην τοπογραφία της μεσαιωνικής Λευκωσίας»), Annual lectures series of the Archaeological Research Unit of the University of Cyprus 2003-2004.

#### Other publications:

1. Hadjimitsis D., G., Agapiou A., Alexakis D. D., **Lysandrou V.**, "Archaeology from Space", Let's Research online Magazine.

#### **Reviewer in Scientific Journals**

1. Journal of Archaeological and Anthropological Sciences
2. MDPI Remote Sensing and Geosciences for Archaeology
3. International Journal of Digital Earth
4. International Journal of Archaeology & Anthropology: Open Access

#### **Member of Organizing / Scientific Committees.**

1. Member of the Organizing & Scientific Committee of the Special Session: 'Sensing the past: remote monitoring for archaeology and cultural heritage' 7 April 2016, Paphos, Cyprus, within the 'Fourth International Conference on Remote Sensing and Geoinformation of Environment'.
2. Member of the Scientific Committee of the 'Fourth International Conference on Remote Sensing and Geoinformation of Environment', 4-8 April 2016, Paphos, Cyprus.
3. Member of the Organizing Committee of the 'Third International Conference on Remote Sensing and Geoinformation of Environment', 16-19 March 2015, Paphos, Cyprus.
4. Co-organized II National Conference on "Tilliria: Memory, History and Archaeology" 28-29 April 2012, Kato Pyrgos Tillirias, Cyprus (Member of Organizing Committee).
5. Co-organized I National Conference on "Tilliria: Memory, History and Archaeology" 4-5 April 2009, Kato Pyrgos Tillirias, Cyprus (Member of Organizing Committee).
6. Co-organize Scientific Meeting on "Restoration of Ancient Monuments and Interventions on Archaeological Site in Greece and Cyprus", 24 October 2009, Nicosia, Cyprus.

#### **Scientific/Research Interests**

Architecture of archaeology and archaeology of architecture (analysis of standing archaeological remains).

Funerary architecture and archaeology of death.

Survey, recording, analysis, preservation/valorization of built heritage.

Preventive conservation and risk identification of monuments/sites (Natural and Anthropogenic hazards).

Remote Sensing Archaeology (satellite and terrestrial Remote Sensing technologies -Ground Spectroscopy, Geographic Information Systems-G.I.S.) and Architectural Documentation (3D digital documentation of monuments-sites-ancient artifacts) intended for archaeological research, analysis and protection and study of Cultural Heritage.