

# GIACOMO LANDESCHI

## **VISITING ADDRESS**

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## **CURRENT POSITIONS**

**LUND UNIVERSITY – DEPARTMENT OF ARCHAEOLOGY AND ANCIENT HISTORY | LUND, SWEDEN**

Researcher (2013-present)

**LUND UNIVERSITY – HUMANITIES LABORATORY | LUND, SWEDEN**

Research Engineer (2018-present)

## **EDUCATION/SCIENTIFIC DEGREES**

**LUND UNIVERSITY | LUND, SWEDEN**

Swedish habilitation as Associate Professor (docent) in Archaeology (2020).

**IMT INSTITUTE FOR ADVANCED STUDIES | LUCCA, ITALY**

PhD, Technology and Management of Cultural Heritage, (22.04.2009)

Thesis title: ‘Using VR for the archaeological risk evaluation in an alluvial coastal plain’.

**UNIVERSITY OF PISA | PISA, ITALY**

Master’s Degree (Laurea Magistrale) in Classical Archaeology (2005).

## **EMPLOYMENTS**

**SWEDISH INSTITUTE AT ATHENS | ATHENS, GREECE**

Postdoctoral researcher in the research project “An ancient cityscape and its people – A study of ancient Hermion (Greece).” (2015-2016).

**BLEKINGE MUSEUM | KARLSKRONA, SWEDEN**

External consultant for archaeological field survey and excavation. (2015)

**SWEDISH INSTITUTE IN ROME | ROME, ITALY**

Postdoctoral researcher in the The Swedish Pompeii Project (Italy). 3D-GIS platform setup and implementation of data coming from insula V 1.

## **RESEARCH QUALIFICATIONS**

### **PARTICIPATION IN/LEADERSHIP OF RESEARCH PROJECTS**

2016-2020: Project member – Blue Archaeology. Assembling the cultural and natural heritage of submerged Stone-Age Seascapes in Sweden. Responsible for the field acquisition, processing and analysis of archaeological data, implementation of 3D GIS platform for the analysis of the data. Swedish Research Council (Veteskapsrådet).

2016-2018: Project member – Using High Performance Computing Resources for the Record and Analysis of Cultural Heritage Sites. Responsible for the field acquisition, processing and analysis of archaeological data. Project funded in the frame of the Swedish national eSSENCE program for promoting the advance of e-Science within strategic areas of research.

2016-2017: Principal Investigator – Space and Movement in a Pompeian house: the contribution of 3D GIS. Investigation of the social dimension of space in Pompeii through the use of archaeological computing.

May 2016: Project member – the Nahr Al-Jawz project (Lebanon). Field Survey conducted in the Batrun district of Lebanon with the purpose of making a digital acquisition campaign with a combined approach including UAVs.

2015-present: Project member – An ancient cityscape and its people – A study of ancient Hermion (Greece). Responsible for the digital survey and the 3D GIS implementation of the ancient city of Hermion and its surrounding landscape.

June 2015: Project member – Palaea Zichni Archaeological Project (Greece). Responsible for the digital survey and the 3D GIS implementation of the archaeological area of Palaea Zichni.

2014-2015: Principal Investigator – Exploring Pompeian graffiti in 3D space. The project is aimed at using an integrated approach of 3D and GIS technology to explore the symbolic dimension connected to the wall inscriptions (graffiti) inside the Pompeian buildings.

2014-2018: Project member - A 3D-model and a reconstruction of the original early holocene cave sequence of Stora Förvar, Stora Karlsö, Gotland (Sweden). Project for the setup of a 3D-GIS system for the documentation, reconstruction and analysis of a Mesolithic site in Eastern Sweden.

November 2014: Project member - Gebel el Silsila Survey Project (Egypt). GPS survey and digital mapping campaign of the west and east banks of Silsila site.

2013-2014: Project member – The Swedish Pompeii Project (Italy). 3D-GIS platform setup and implementation of data coming from insula V 1.

2006-2010: Project member – Pianosa island survey and excavation campaigns (Italy). Responsible for GPS and total station survey, data processing of archaeological sites spanning from early Bronze Age to Late Antiquity. Research activity carried out in collaboration with the Archaeological Superintendence of Tuscany.

2005-2009: Project member – Portus Pisanus excavation campaign (Italy). Interdisciplinary research activity aimed at locating the ancient harbour area of Portus Pisanus. The research activity was supported and financed by the Archaeological Superintendence of Tuscany in collaboration with the University of Pisa.

2008: Principal Investigator – Portus Pisanus Testing Survey Project (Italy). Project aimed at evaluating the performance of a predictive model in the ancient area of Portus Pisanus. The research activity was supported by IMT Lucca and the University of Pisa.

2003-2005: (Graduate student) Project member – Vada Volaterrana excavation campaign (Italy). Responsible for the excavation and documentation of a trench area. The research activity was conducted in collaboration between the University of Pisa, the Archaeological Superintendence of Tuscany and the Archaeological Museum of Rosignano Marittimo.

2003-2004: (Undergraduate student) Project member – Ager Firmanus Survey Project (Italy). Field survey documentation campaign carried out in collaboration with the University of Pisa and the Archaeological Superintendence of Marche.

## **TEACHING EXPERIENCE**

### **HIGHER EDUCATION TEACHER TRAINING**

Current (Fall 2020): Doctoral Supervision, Lund University (2 weeks).

### **5 WEEKS/7.5 CREDITS COURSES**

Fall 2018 - Course design Higher Education: Continuation for teachers at Lund University (3 weeks).

Spring 2017 - Learning and Teaching in Higher Education: a classroom-based introduction, Lund University (2 weeks).

### **MASTER THESIS CO-SUPERVISION**

Victor Lundström, title of the Thesis: Exploring new horizons through the use of legacy data (Spring term 2016).

Niklas Björk, title of the Thesis: Digitizing Material Culture (Spring term 2015).

James Williamson, title of the Thesis: A Predictive Model for the Early Mesolithic in England (Spring term 2015).

Carl-Olof Siljedahl, title of the thesis: Monuments in the Landscape, a spatial analysis of runestones in Västergötland during the late Viking Age and the early medieval period (Spring term 2015).

### **PLANNING AND MANAGEMENT OF TEACHING**

#### **LUND UNIVERSITY, DEPARTMENT OF ARCHAEOLOGY AND ANCIENT HISTORY | LUND, SWEDEN**

2020 (Fall term): Master course 'Field Archaeology in Theory and Practice' (ARKN15, 30 ECTS), temporary lecturer responsible for the design, teaching and evaluation of the course (total hrs. 200).

2019 (Fall term): Master course 'Field Archaeology in Theory and Practice' (ARKN15, 30 ECTS), temporary lecturer responsible for the design, teaching and evaluation of the course (total hrs. 200).

2019 (Spring term): Master course 'Digital Archaeology, GIS in archaeology' (ARKN09, 15 ECTS), temporary lecturer responsible for the design, teaching and evaluation of the course (total hrs. 200).

2016 (Spring term): Master course 'Digital Archaeology, GIS in archaeology' (ARKN09, 15 ECTS), temporary lecturer responsible for the design, teaching and evaluation of the course (total hrs. 240).

2015 (Fall term): Lund University, Department of Archaeology and Ancient History. Master course 'Field Archaeology in Theory and Practice' (ARKN15, 30 ECTS), temporary lecturer responsible for the design, teaching and evaluation of the course for the module in landscape interpretation (total hrs. 209).

2015 (Spring term): Master course 'Digital Archaeology, GIS in archaeology' (ARKN09, 15 ECTS), temporary lecturer responsible for the design, teaching and evaluation of the course (total hrs. 230).

2014 (Fall term): Master course 'Field Archaeology in Theory and Practice' (ARKN15, 30 ECTS), temporary lecturer responsible for teaching lectures on remote sensing and predictive modelling in archaeology (total hrs. 6).

2014 (Spring term): Master course 'Digital Archaeology, GIS in archaeology' (ARKN09, 15 ECTS), temporary lecturer responsible for teaching lab-based lectures on remote sensing and predictive modelling in archaeology (total hrs. 20).

2013 (Fall term): Master course 'Field Archaeology in Theory and Practice' (ARKN15, 30 ECTS), temporary lecturer responsible for teaching lectures on remote sensing and predictive modelling in archaeology (total hrs. 6).

#### **UMEÅ UNIVERSITY, DEPARTMENT OF HISTORICAL, PHILOSOPHICAL AND RELIGIOUS STUDIES | UMEÅ, SWEDEN**

2018 (Fall term): Master course 'GIS for environmental archaeology and archaeology' (1AR060, 7.5 ECTS), temporary lecturer responsible for the design, teaching and evaluation of the course (total hrs. 106).

#### **UNIVERSITY OF PISA, DIPARTIMENTO DI CIVILTÀ E FORME DEL SAPERE | PISA, ITALY**

2008-2012: Undergraduate and Master course 'Ancient Topography' (L-ANT/09), temporary lecturer responsible for teaching lectures on remote sensing and GIS in archaeology (total hrs. 20).

**UNIVERSITY OF COPENHAGEN, THE SAXO INSTITUTE | COPENHAGEN, DENMARK**

2020 (Fall term): Introductory course on GIS. External lecturer responsible for teaching GIS basics for researchers based at Faculty of Humanities, SAXO Institute.

2020 (Spring term): Introductory teaching seminar on 3D/GIS. ERASMUS Teaching exchange program for lecturing on 3D GIS to the BA students of Archaeology, SAXO Institute.

**TEACHING EXPERIENCE IN INTERNATIONAL SUMMER SCHOOLS**

**UNIVERSITY OF ROMA TRE**

Summer 2019: 'Visualizing San Saba', international summer school on digital acquisition and visualization of a medieval monastery in Rome. Responsible for lecturing on 3D data acquisition methods and GIS implementation from field to lab.

**DARTEQ GEOCULTURE 2.0**

Summer 2015: International workshop on GIS and Augmented Reality, responsible for lecturing on the use of 3D GIS methods for historical buildings documentation (total hrs. 16).

**INTERNATIONAL EXPERIENCE**

**INVITED TALKS**

Landeschi G. 'What is a 3D model and why do we model? Some reflections built upon archaeological case studies'. In 'Visualizing Complexity: Practices and Heuristics Of Digital Models In Art History', conference held at Bibliotheca Hertziana – Max Planck Institute for Art History, Rome 10–11 December, 2020.

Landeschi G. 'Bridging the gap between visualization and analysis: investigating the house of *Caecilius Incundus* with advanced digital methods'. Conference on Digital Methods in Archaeology and Cultural Heritage, American Academy in Rome, 12-13 May, 2020 (postponed).

2018-11-30 G. Landeschi. 3D GIS and new paradigms for research in archaeology. Research seminar given at Umeå University, Humanities Lab, Umeå.

2018-02-13 G. Landeschi. Digital Archaeology and the Senses, Old Problems and New Challenges, oral presentation given at the international conference 'Future For The Past (Digital Transduction And Visualization Of Historical Materials)', Athens, 12-14 February 2018.

2017-11-17 G. Landeschi. Capturing the Past: the impact of supercomputing on archaeological investigations, oral presentation given at the REACH meeting, Lund 17-11 November 2017.

2017-04-28 G. Landeschi and Stefan Lindgren. From field to lab: the acquisition campaign and the setup of a 3D GIS for exploring Ancient Hermione, oral presentation given at the international workshop on Ancient Hermione 'A Greek Cityscape and its People', Swedish Institute at Athens.

2016-06-02 G. Landeschi. Sight, movement and ancient urban space: towards a 3D GIS-based turn?, oral presentation given at the international workshop TRAVELSCAPES - Landscape perception and unknown environments exploration: New perspectives into Classical and Medieval journey, Marseille.

2015-03-21 G. Landeschi, N. Dell'Unto, A.-M. Leander Touati, Towards a Heuristic 3D GIS: Assessing Visibility in a Pompeian House oral presentation given at the conference Challenge the Past/Diversify the Future, university of Gothenburg, Gothenburg.

2014-09-23 Karin Lundqvist & Giacomo Landeschi, Graffiti and dipinti in 2D and 3D GIS, oral presentation given at the workshop on Italic inscriptions and databases, Swedish Institute on Classical Studies, Rome.

## ORAL PRESENTATIONS

- 2019-04-26 Landeschi, G. Back again to GIS? The need of mapping multisensoriality, in Computer Applications and Quantitative Methods in Archaeology 47th annual meeting, CAA 2019 Kraków.
- 2019-03-22 G. Landeschi. Eye-tracking in archaeological contexts. Oral presentation given in the Eye-Tracking seminar series Spring 2019, held at the Humanities Laboratory, Lund University.
- 2018-10-20 G. Landeschi and J. Wallensten. Modelling a sacred landscape: new directions for the study of ancient Hermione. Oral presentation given at the international conference 'Unlocking Sacred Landscapes – Digital Humanities and Sacred Space', GeoSat Research Lab Institute for Mediterranean Studies Rethymnon, Crete, 19-21 October 2018.
- 2018-09-25 G. Landeschi and J. Wallensten. Flying to the Past: reconstructing an ancient cityscape through UAV. Oral presentation given at the conference 'The Future of Drones: Technologies, Applications, Risks and Ethics', LUAV@LUND Collaboration Project, Department of Archaeology and Ancient History, Lund University 25-26 September 2018.
- 2018-09-06 G. Landeschi, B. Nilsson, A. Sjöström. Submerged sites under threat: defining new strategies for their monitoring and preservation. Oral presentation given at the 24th European Association of Archaeologists Annual Meeting 'Reflecting Futures', Barcelona 5-8 september 2018.
- 2017-11-08 G. Landeschi, B. Nilsson, A. Sjöström. Integrated digital methods for investigating submerged sites in the Baltic Sea, oral presentation given at the international conference on Cultural Heritage and New Technologies, Vienna 8-10 November 2017.
- 2017-03-22 M. Pasquinucci and G. Landeschi Sailing along the coast of north Etruria: ancient perceptions vs multidisciplinary coastal landscape studies oral presentation given at the international symposium 'Capturing the senses: digital methods for sensory archaeologies', Lund 1-2 June 2017.
- 2017-03-22 Björn Nilsson, G. Landeschi, Arne Sjöström. Lost Landscapes found: New visions of the submerged Stone Age of Southern Sweden oral presentation given at the International Open Workshop 'Socio-Environmental Dynamics over the Last 12,000 Years: The Creation of Landscapes V', Kiel, March 20-24, 2017.
- 2017-03-14 Landeschi, G., Stefan Lindgren, Jesper Blid Kullberg, H. Gerding, A. Papadimitriou, J. Wallensten, N. Dell'Unto, A. Kossiva. Integrated Digital Methods for Investigating a Hidden Cityscape: The Case of Ancient Hermion oral, presentation given at the International CAA Conference on Computer Applications and Quantitative Methods in Archaeology, Atlanta.
- 2016-12-08 J. Apel, G. Landeschi, V. Lundström, T. Günther. Stora Förvar Revisited: New investigations of a Mesolithic Cave sequence, oral presentation given at the research seminar held at the department of Archaeology and Ancient History, Lund University.
- 2016-05-12 G. Landeschi. 3D + GIS: new advances in site investigation methods at Öppenskär island and Stora Förvar cave, oral presentation given at the lunch seminar held at the department of Archaeology and Ancient History, Lund University.
- 2016-03-31 G. Landeschi, J. Apel, S. Lindgren, N. Dell'Unto. An exploratory use of 3D for investigating a Prehistoric stratigraphic sequence, oral presentation given at the International CAA Conference on Computer Applications and Quantitative Methods in Archaeology, Oslo.
- 2016-03-18 G. Landeschi. Visibility and Movement in the Ancient Space: Some Thoughts about the Use of 3D GIS, oral presentation given at the Roman Archaeology Conference 2016, Rome.
- 2016-01-07 S. McPhillips, A. Anagnostopoulos, E. Katafylis, S. Lindgren, and G. Landeschi. The Palaea Zichni: The Ethnoarchaeology and Multicultural History of a Northern Greek Town, oral presentation given at the 117th annual meeting of the Archaeological Institute of America, San Francisco.

2015-03-31 G. Landeschi, N. Dell'Unto, D. Ferdani. A vector-based pipeline for assessing visibility: a 3D GIS perspective, oral presentation given at the International CAA Conference on Computer Applications and Quantitative Methods in Archaeology 2015, Siena.

2014-04-24 G. Landeschi, N. Dell'Unto, D. Ferdani, S. Lindgren, A.M. Leander, Enhanced 3D-GIS: Documenting Insula V 1 in Pompeii, oral presentation given at the International CAA Conference on Computer Applications and Quantitative Methods in Archaeology 2014, Paris.

2013-03-31 Karin Lundqvist & Giacomo Landeschi Graffiti and dipinti – from CIL to 2D and 3D GIS, oral presentation given at the FokusRom meeting, Department of Archaeology and Ancient History, Lund University.

2013-12-03 G. Landeschi A 3D GIS for Pompeii: new solutions for documenting insula V 1 oral presentation given at the CAA Conference on Computer Applications and Quantitative Methods in Archaeology Swedish Chapter, Lund.

2013-11-20 A.M. Leander Touati, N. Dell'Unto & G. Landeschi Open and restricted access. Potential outcomes and problems related to digital documentation and analysis in the light of our Pompeian experience, seminar held at the Department of Archaeology and Ancient History, Lund University.

2012-10-26 G. Landeschi. From Landscape to Webscape: exploring new methodological approaches in field survey analysis, paper presented at the International Mediterranean Survey Workshop, Pisa.

2010-04-07 G. Landeschi. A 3D model for detecting and communicating the archaeological risk paper presented at 38th Annual Conference on Computer Applications and Quantitative Methods in Archaeology, Granada.

2008-04-04 G. Landeschi. A predictive model applied to the Pisa Coastal Plain: Preliminary results oral presentation given at 36th CAA International Conference on Computer Applications and Quantitative Methods in Archaeology, Budapest.

2008-02-02 G. Landeschi. The archaeological risk evaluation in the Portus Pisanus area, oral presentation given at the CAA Conference on Computer Applications and Quantitative Methods in Archaeology UK Chapter, York.

2007-09-20 S. Ducci, P. Perazzi, M. Firmati, G. Grandinetti G. Landeschi, C. Principe, S. Ricci, A.M. Tosatti. Nuove risultanze degli scavi archeologici su Pianosa oral presentation given at the conference La conservazione per Pianosa, Esperienze di ricerca e prospettive di gestione del territorio dell'area protetta, Livorno.

#### **RESEARCH VISITING PERIODS**

##### **UNIVERSITY OF OXFORD, INSTITUTE OF ARCHAEOLOGY | OXFORD, UNITED KINGDOM**

2008: Research visiting period financed by IMT Lucca and the Italian Ministry of Higher Education.

#### **ADMINISTRATIVE EXPERIENCE**

##### **CONFERENCE/SESSION ORGANIZATION**

2019: Conference session co-chairman – 'Empowering Archaeology of the Senses through digital approaches' at the Computer Applications in Archaeology conference, Krakow. Chair with Dr. Heather Richards-Rissetto (University of Nebraska-Lincoln).

2018: Conference session chairman– Sensory GIS: towards a deeper engagement? at the Computer Applications in Archaeology conference, Tübingen.

2017: International symposium co-organizer – Capturing the senses: digital Methods for Sensory Archaeologies, Marcus Wallenberg-funded international symposium, Lund University. Chaired with Dr. Eleanor Betts (Open University).

2015: Conference session chairman - Formal approaches to visibility analysis in ancient architectural spaces and cultural landscapes, at the Computer Applications in Archaeology conference, Siena 2015. Chaired with Prof. Eleftheria Paliou (University of Cologne).

2015: Conference workshop chairman - The Use of 3D GIS Platforms for Intra-Site Investigation in Archaeology, at the Computer Applications in Archaeology conference, Siena 2015.

2009: Organizing committee member – International conference Ancient harbour and their productive contexts, Livorno (Italy). The conference and the exhibition were promoted by the Archaeological Superintendence of Tuscany, in collaboration with the University of Pisa and the Museum of Natural Sciences of Livorno.

#### **COMMUNICATION**

2018 - current: responsible for the communication of the 'UAV@LUND' Project, whose main purpose is the organization of six working themes for focused interdisciplinary collaboration between scientists from Lund University and external partners to build a strategic network and competence for solving selected challenges related to the use and impact of drones in society.

#### **REVIEWING ACTIVITIES**

2020: American Antiquity external peer-reviewer

2017: Journal of Archaeological Science external peer-reviewer

2017: Journal of Cultural Heritage, external peer-reviewer

2017: Journal on Computing and Cultural Heritage, external peer-reviewer

2015-current: CAA Proceedings, external peer-reviewer

2015-current: Lund Archaeological Review, external peer-reviewer

2015: The Research Foundation – Flanders (FWO), external peer-reviewer

#### **GRANTS/SCHOLARSHIPS**

2020 (Spring term): ERASMUS Plus, Staff Mobility program: SEK n/a.

2019 (Spring term): Travel grant funded by Elisabeth Rausing's Minnesfond: SEK 9 000.

2018 (Fall term): Travel grant funded by Fil dr Uno Otterstedts fond: SEK 11 000.

2018: King Gustav Adolf VI fund for Swedish culture: SEK 40 000.

2017 (Fall term): Travel grant funded by Fil dr Uno Otterstedts fond: SEK 18 000.

2017 (Spring term): Conference grant funded by Fil dr Uno Otterstedts fond: SEK 16 000.

2017: Research Initiation grant awarded by the Riksbanken Jubileumsfond: SEK 60 000.

2017: International research symposia grant awarded by the Marcus Wallenberg Foundation: SEK 125 000.

2016 (Fall term): Travel grant funded by Elisabeth Rausing's Minnesfond: SEK 23 000.

2016-2020 Research grant awarded by the 'Vetenskapsrådet' Swedish Research Council. SEK 538 453 \*

2016 (Spring term): Travel grant funded by Fil dr Uno Otterstedts fond: SEK 9 000.

2015-2017 Research grant awarded by the 'eSENCE' – e-Science collaboration fund. SEK 575 817 \*

2015: Research scholarship awarded by Birgit and Gad Rausing Foundation for Humanities Research.

2015 Travel grant funded by Fil dr Uno Otterstedts fond: SEK 12 000.

2014 Research scholarship awarded by Birgit and Gad Rausing Foundation for Humanities Research.

2013 Research grant awarded by the C.M. Lerici Foundation in Stockholm: SEK 50 000.

2010, 2012 Travel grants awarded by the CAA International Committee.

2006-2009 Doctoral bursary granted by the Italian Ministry of University and Research. EUR 40 000

**\* involved as participant researcher**

**LIST OF PUBLICATIONS**

**METRICS (GOOGLE SCHOLAR)**

	All	Since 2015
Citations	273	267
h-index	7	7
i10-index	7	7

**MONOGRAPHS**

2021 (expected) Dell'Unto, N. and G. Landeschi. 3D Archaeological GIS. Routledge. NB: the book has been accepted for publication and the contract signed by the authors.

2009 G. Landeschi Modelling the Risk: a Web-based approach. Using Virtual Reality for assessing the archaeological potentiality in an alluvial coastal plain. VDM Verlag, Saarbrücken (ISBN 9783639213096).

**EDITORSHIPS**

(in preparation) G. Landeschi & E. Betts (eds.). Capturing the senses: digital methods for sensory archaeologies, Quantitative methods in the Humanities and Social Sciences, Springer (Series ISSN 2199-0956). NB: This multi-authored volume has been accepted for publication and the contract signed by the editors.

**JOURNAL ARTICLES (PEER-REVIEW)**

(under review) McPhillips, S., J. Bradbury, C. Faiers, A. Abu Laban, G. Landeschi, S. Lindgren, M. Kennedy and A. Rabo. The Hinterlands of Batrun: a preliminary report on archeological survey on the lower Nahr al-Jawz, North Lebanon. Submitted to: Bulletin d'archeologie et d'architecture libanaise.

2020 Landeschi, G., Lindgren, S., Gerding, H., Papadimitriou, A. and Wallensten, J. Ancient Hermione revealed: the contribution of high-performance computing and digital methods to the analysis of a hidden cityscape. Archaeological Prospection.

2018 G. Landeschi, J. Apel, V. Lundström, S. Lindgren, Jan Storå, N. Dell'Unto. Re-enacting the sequence: combined digital methods to study a Prehistoric cave. Archaeological and Anthropological Sciences, Springer (ISSN1866-9557).

2018 Hansson, A., Hammarlund, D., Landeschi, G., Sjöström, A. & Nilsson, B. A new early Holocene shoreline displacement record for Blekinge, southern Sweden, and implications for underwater archaeology. Boreas. Taylor & Francis (ISSN 0300-9483).

2018 G. Landeschi. Rethinking GIS, three-dimensionality and space perception in archaeology. World Archaeology, Taylor & Francis (ISSN 0043-8243).

2017 Dell'Unto, N., Landeschi, G., Apel, J. & Poggi, G. 4D Recording at the Trowel's Edge: Using Three- Dimensional Simulation Platforms to Support Field Interpretation. Journal of Archaeological Science: Reports, 12:632-645 (ISSN: 2352-409X).

2016 G. Landeschi, Nilsson, B., Dell'Unto, N. Assessing the damage of an archaeological site: New contributions from the combination of image-based 3D modelling techniques and GIS. Journal of Archaeological Science: Reports, 10:431-440 (ISSN: 2352-409X).

2016 G. Landeschi, Dell'Unto, N., Lundqvist, K., Ferdani, D., Campanaro, D. M. & Leander Touati, A.-M. 3D-GIS as a Platform for Visual Analysis: Investigating a Pompeian House. Journal of Archaeological Science, 65:103-113 (ISSN: 0305-4403).

2015 D. M. Campanaro, G. Landeschi, N. Dell'Unto, & A.-M. Leander Touati. 3D GIS for Cultural Heritage Restoration: a 'white box' workflow. *Journal of Cultural Heritage*, 18:321-332 (ISSN: 1296-2074).

2015 N. Dell'Unto, G. Landeschi, A.M. Leander Touati, M. Dellepiane, M. Callieri, D. Ferdani. Experiencing Ancient Buildings from a 3D GIS Perspective: A Case Drawn from the Swedish Pompeii Project, in *Journal of Archaeological Method and Theory*, 23:73-94 (ISSN: 1072-5369).

2011 G. Landeschi, M. Carrozzino. Communicating Archaeological Risk with Web-based Virtual Reality: a case study, in *Internet Archaeology* 31. York (ISSN 1363-5387).

2010 S. Ducci, M. Firmati, G. Grandinetti, G. Landeschi, S. Ricci. Campo nell'Elba (LI). Isola di Pianosa: sepolcreto di Cala S. Giovanni, campagna di scavo 2009, in *Notiziario della Soprintendenza per i Beni Archeologici della Toscana*, 5–Firenze, 358-360 (ISSN: 2035-5297).

2009 S. Ducci, M. Firmati, G. Grandinetti, G. Landeschi, S. Ricci. Campo nell'Elba (LI), Isola di Pianosa. Indagini nel sepolcreto di Cala San Giovanni, in *Notiziario della Soprintendenza per i Beni Archeologici della Toscana*, 1, 11-09 – Firenze (ISSN: 2035-5297).

#### **CONFERENCE ARTICLES (PEER-REVIEW)**

(under review) Vassallo, V., G. Landeschi, S. Hermon. Digging in excavation diaries: digital re-assessment of stratigraphy in 3D GIS. The sanctuary of Ayia Irini, Cyprus. *Computer Applications and Quantitative Methods in Archaeology (CAA) international conference*, 19- 23 March 2018, Tübingen, Germany.

(in press) G. Landeschi, M. Carrozzino. Detecting and Communicating archaeology in the Pisa coastal plain – new tools to reach this aim, in (eds. A. Hesnard and M. Pasquinucci) *Atti del Convegno Internazionale Porti antichi e retroterra produttivi (Livorno 2009)*, BiAMA, Centre Camille Jullian – CNRS, Aix-en-Provence.

2018 G. Landeschi, Apel, J., Lindgren, S., Dell'Unto N. An exploratory use of 3D for investigating a prehistoric stratigraphic sequence. *Proceedings of the Conference on Computer Applications and Quantitative Methods in Archaeology*, Oslo 2016 (ISBN 9781784917302).

2015 Karin Lundqvist & Giacomo Landeschi, Graffiti and dipinti in 2D and 3D GIS, in (ed. Ulla Rajala) *Italic inscriptions and databases workshop*, Rome, 23 September 2014. Istituto Svedese di Studi Classici a Roma. Rome, *Archeologia e Calcolatori* 26 (ISSN 1120-6861).

2015 G. Landeschi, N. Dell'Unto, D. Ferdani, S. Lindgren, A.M. Leander Touati. Enhanced 3D-GIS: Documenting Insula V 1 in Pompeii, *Proceedings of the 42nd Conference on Computer Applications and Quantitative Methods in Archaeology – Paris* 22nd to 25th April 2014 (ISBN 978 1 78491 100 3).

2013 G. Landeschi, M. Carrozzino. A 3D model for detecting and communicating the archaeological risk, in (eds. F. Contreras, M. Farjas, F.J. Melero) *Proceedings of the 38th Annual Conference on Computer Applications and Quantitative Methods in Archaeology – Granada* (ISBN 978 1 4073 1108 1).

2009 G. Landeschi, M. Carrozzino. Managing the Archaeological Risk through Virtual Reality, in *Proceedings of the XXII CIPA Symposium on the Digital Documentation, Interpretation and Presentation of Cultural Heritage - Kyoto*.

#### **POSTERS (PEER-REVIEW)**

2014 K. Lundqvist & G. Landeschi, From CIL to GIS: Exploring Pompeian Inscriptions through an Integrated 2D-3D Approach, *EAGLE International Conference*, September 29-30 and October 1, 2014 – Paris (ISBN 978-88-98533-42-8).

2012 A. Bezzi, L. Bezzi, G. Landeschi, G. Naponiello. To Dare with O.S.A.R.: Open Source and Augmented Reality for a new cognitive archaeology, in *Opening the Past - Archaeological Open Data – Pisa* (<http://dx.doi.org/10.4456/MAPPA.2012.05>).

#### **CONFERENCE ABSTRACTS (PEER-REVIEW)**

2019 Landeschi, G. Back again to GIS? The need of mapping multisensoriality, in *Computer Applications and Quantitative Methods in Archaeology 47th annual meeting*, CAA 2019 Kraków, 23-27 April 2019 (ISBN 978-83-948382-6-3).

2019 Dell'Unto, N., G. Landeschi, A. Svensson. Spatial Sequences: The use of 3D GIS for the identification of complex archaeological patterns, in Computer Applications and Quantitative Methods in Archaeology 47th annual meeting, CAA 2019 Kraków, 23-27 April 2019 (ISBN 978-83-948382-6-3).

2019 Derudas, P., N. Dell'Unto, M. Callieri, G. Landeschi, Dig it, and then Dig it again, in Computer Applications and Quantitative Methods in Archaeology 47th annual meeting, CAA 2019 Kraków, 23-27 April 2019 (ISBN 978-83-948382-6-3).

2018 Landeschi, G., Nilsson, B. & Sjöström. Submerged sites under threat : Defining new strategies for their monitoring and preservation, in Abstracts of the The European Association of Archaeologists (EAA) annual meeting 2018 - Barcelona (ISBN: 978-84-693-0772-4).

2010 G. Landeschi, M. Carrozzino. A 3D model for detecting and communicating the archaeological risk, in Abstracts of the XXXVIII Conference on Computer Applications and Quantitative Methods in Archaeology - Granada (ISBN: 978-84-693-0772-4).

2008 G. Landeschi. A Predictive model in the Portus Pisanus area. 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology - Budapest (ISBN 978-963-8046-95-6).