

## Fabiana Battistin, Ph.D.

E-mail: [fabiana.battistin@lorenzodemedici.it](mailto:fabiana.battistin@lorenzodemedici.it); [fabiana.battistin@hotmail.it](mailto:fabiana.battistin@hotmail.it)

Website: <https://unitusdistu.academia.edu/FabianaBattistin>

### RESEARCH & TEACHING INTERESTS

---

Meticulous and analytical published archaeologist highly trained in library and field research. Proactive team player, with international, multidisciplinary, and intersectoral research experience. Passionate about acquiring and sharing knowledge. Research and teaching interests include:

- Classical Archaeology, and Archaeological Research Methods, Theories and Techniques
- Cultural Heritage Preservation Strategies, Climate Change Impacts on Archaeological Sites.

### TEACHING EXPERIENCE

---

#### Professor on Contract

at University of Tuscia, Department of humanities, communication and tourism (DISTU)

- Ancient Topography (Academic year 2023-24, 48 hours, 8 cfu, Italian)

#### Course Instructor

at Lorenzo de' Medici - The Italian International Institute (LdM), and CAMNES - Center for Ancient Mediterranean and Near Eastern Studies

- Ancient Rome (Spring 2024, 45 hrs, 3 cfu, English)
- Archaeology Field School in Tuscania (Italy) (Summer 2019, 148 hrs, 6 cfu, English)
- Archaeology of Italy: from Constatine to Charlemagne (Spring 2016, 45 hrs, 3 cfu, English)
- Greeks, Etruscans and Romans (Fall 2014 and Fall 2015, each: 45 hrs, 3 cfu, English)

#### Guest lecturer

- “Archaeological heritage preservation: a key challenge for our future”. In *IES Abroad Rome Conference Series*, Nov. 19, 2024 (*forthcoming*)
- “Remote sensing technologies for monitoring archaeological sites at risk”. In *Archéologie spatiale. De la télédétection à l'analyse, nouvelles approches de l'espace des sociétés anciennes*, École Française de Rome, Roma, Sept. 30 -Oct. 4, 2024 (*forthcoming*)
- “Living in the Severan Rome. Housing Typologies from *Forma Urbis Romae* fragments”. In *Riflessioni sull'architettura residenziale romana*, Sapienza University, Rome, Dec. 19, 2019
- “Living in the Severan Rome. Housing Typologies from *Forma Urbis Romae* fragments”. In *Leiden Archaeological Forum*, Leiden University (NL), Nov. 16, 2017

#### Lecturer in Seminars and Summer Schools

- “RESEARCH Risk Assessment Models for Specific Threats”; “Managing Archaeological Data: Falerii Novi”; “RESEARCH GIS Platform”. In *Fourth Summer School of Project RESEARCH*, Nicosia (Cyprus), Oct. 3-5, 2023
- “Ancient Greek and Roman Urbanism” (8 hrs). In *Seminars for the internationalization project 2022*, University of Tuscia, a.y. 2021-22
- “Greek cities” (8 hrs). In *Course in Greek Archaeology and History of art*, University of Tuscia, Jan. 13-20, 2022

- “The RESEARCH Platform. An example of data entry: from investigations to archaeological data”; “An open-source approach for the Vulnerability Assessment of archaeological deposits using GPR data in QGIS environment”. In *Third Summer School of Project RESEARCH*, Viterbo (IT), October 31- Nov. 2, 2022.
- “The FAIRification process of remote sensing, environmental and archaeological data for the RESEARCH Data Management Plan”, “Risk assessment methodology and scientific requirements of the RESEARCH Platform”. In *Second Summer School of Project RESEARCH*, Rethymno (Greece), Sept. 21-26, 2020.
- “Risk assessment for archaeology”. In *First Summer School of Project RESEARCH*, Limassol (Cipro), May 21-27, 2019

## RESEARCH EXPERIENCE

---

- 2024-25 Postdoctoral Fellow in Archaeological Research Methodology**  
 DIBAF, University of Tuscia, Viterbo, IT  
Faculty Advisor: Stefano De Angeli, Associate Professor  
Project: “Geophysical prospecting at the area of the so-called "Esquilino cristiano" on the ancient Appian Way and reconstruction of the architectural and urban contexts".
- 2023-24 Postdoctoral Fellow in Archaeological Research Methodology**  
 DIBAF, University of Tuscia, Viterbo, IT  
Faculty Advisor: Stefano De Angeli, Associate Professor  
Project: "Archaeological sites and remote sensing. Identification, mapping and monitoring remote sensing techniques to improve knowledge and conservation of archaeological sites. Case study: Falerii Novi"
- 2019-23 Scientific Technical Manager, Assistant Coordinator, Experienced Researcher in Cultural Heritage**  
Project: **RESEARCH** (*Remote Sensing Techniques for Archaeology*; <https://www.re-se-arch.eu>)  
Funding bodies: European Commission as H2020-MSCA-RISE (Horizon2020, Marie Skłodowska-Curie Action, Research and Innovation Staff Exchange; grant agreement No 823987; total budget: € 989.000,00)  
Project consortium: University of Tuscia (Italy) (coordinator); Alma Sistemi Srl (Italy); Geosystems Hellas S.A. (Greece); FORTH-Foundation for research and technology (Greece); S3-Space Systems Solutions Ltd (Cyprus); Cyprus University of Technology (Cyprus); Adam Mickiewicz University (Poland)  
Seconded to: Geosystems Hellas S.A. (<https://www.geosystems-hellas.gr>)  
Secondment duration: 9 months
- 2019-23 Experienced Researcher in Cultural Heritage**  
Project: **STABLE** (*Structural Stability Risk Assessment*; <https://www.stable-project.eu>)  
Funding bodies: European Commission as H2020-MSCA-RISE (Horizon2020, Marie Skłodowska-Curie Action, Research and Innovation Staff Exchange; grant agreement No 823966; total budget: € 1.182.200,00)

Project consortium: Alma Sistemi Srl (Italy) (coordinator); University of Tuscia (Italy); Sapienza University (Italy); National Technical University of Athens (Greece); Geosystems Hellas S.A. (Greece); FORTH-Foundation for research and technology (Greece); S3-Space Systems Solutions Ltd (Cyprus); Frederick University (Cyprus)

Seconded to: Geosystems Hellas S.A. (<https://www.geosystems-hellas.gr>)

Secondment duration: 10 months

**2022-23 Postdoctoral Fellow in Archaeological Research Methodology**

DIBAF, University of Tuscia, Viterbo, IT

Faculty Advisor: Stefano De Angeli, Associate Professor

Project: "Participation in the development of the ATLAS project GIS platform for risk assessment of land movement, soil erosion, land use/cover change and vegetation growth in buried and exposed archaeological sites."

**2020-22 Postdoctoral Fellow in Classical Archaeology**

DIBAF, University of Tuscia, Viterbo, IT

Faculty Advisor: Stefano De Angeli, Associate Professor

Project: "The romanization of Southern Etruria from the conquest to the age of Augustus. Cities and landscapes."

**2015-18 Assistant Scientific Manager, Early-Stage Researcher in Cultural Heritage**

Project: *CLIMA* (Cultural Landscape Risk Identification, Management and Assessment)

Funding bodies: JPI CH (Joint Programming Initiative on Cultural Heritage and Global Change); European Commission

Project coordinator: University of Tuscia

Project consortium: University of Stirling (United Kingdom); Cyprus University of Technology (Cyprus); Alma Sistemi Srl (Italy); University of Copenhagen (Denmark)

Website: <https://www.heritageresearch-hub.eu/project/clima/>

Budget: € 683.194,00

**2020-22 Responsible for an archaeological excavation sector and student supervisor**

Project: *Portus Project* (Fiumicino, IT; web: <https://www.portusproject.org>)

Faculty Advisor: Simon Keay†, University of Southampton

## EDUCATION AND TRAINING

---

**2019 Ph.D. in Classical Archaeology *cum laude***

University of Tuscia. Department of Modern Languages and Literatures, History, Philosophy and Law Studies (DISTU)

Thesis: "Archaeological geophysics and Space Syntax: towards a new approach to geophysical data for the identification and interpretation of urban and architectural space. The case study of the roman town of Falerii Novi." (<https://dspace.unitus.it/handle/2067/43658>)

Faculty Advisor: Stefano De Angeli, Associate Professor

Visiting Ph.D. student at: Leiden University, Leiden, NL (2 months)

**2013 M.A. in Archaeology *cum laude***

University of Tuscia. Department of Cultural Heritage Preservation

**2009**            **B.A. in Archaeology**  
University of Tuscia. Department of Cultural Heritage Preservation

**2005-2012**    **Training in Archaeological Excavation**  
Sites: Ferento (Viterbo, IT), Palatine Hill (Rome, IT), Sassoforte Castle (Grosseto, IT), Pulsano Abbey (Manfredonia, IT), Carsulae (Terni, IT), Lillebonne (Rouen, FR)...  
Responsible Institutions: University of Tuscia; Sapienza University of Rome; University of Siena; Superintendence for the Archaeological Heritage of Umbria (IT); Superintendence for the Archaeological Heritage of Puglia (IT); Unité départementale de l'architecture et du patrimoine de la Seine-Maritime (FR)...  
Total duration: 9 months

## **PUBLICATIONS**

---

### **Peer-reviewed Publications**

- S. De Angeli, M. Serpetti, **F. Battistin**, “A newly developed tool for the post-processing of GPR time-slices in a GIS environment”, in *Remote Sensing*, Special Issue "Advances in Ground-Penetrating Radar for Archaeology" edited by L. Verdonck, N. Linford, I. Trinks (corresponding author) doi: <https://doi.org/10.3390/rs14143459>, 2022
- **F. Battistin**, “Space Syntax and buried cities: The case of the Roman town of Falerii Novi (Italy)”, *Journal of Archaeological Science: Reports*, vol. 35, 102712, ISSN: 2352-409X, doi: <https://doi.org/10.1016/j.jasrep.2020.102712>, 2021
- **F. Battistin**, “Piranesi e i frammenti della Forma Urbis severiana”, *Mélanges de l'École Française de Rome. Antiquité*, vol.133-1, pp. 209-234. ISSN: 0223-5102, doi: <https://doi.org/10.4000/mefra.11526>, 2021
- **F. Battistin**, “*Forma Urbis* marmorea. Nuove considerazioni sui segni impiegati per la rappresentazione degli elevati negli edifici pubblici e privati”, *Archeologia Classica. Nuova Serie*, vol. 69, pp. 423-452, 2018
- **F. Battistin**, “Abitare nella Roma dei Severi. Studio delle tipologie abitative dai frammenti della *Forma Urbis* marmorea”, *Archeologia Classica. Nuova Serie*, vol. 66, pp. 547-574, 2015

### **Book chapters**

- **F. Battistin** (*accepted for publication*), “*Spatial analysis and Etruscan cities. Previous experiences and future challenges*”, in M. Forte (ed.) *Etruscan Archaeology: Technologies and Methods*, Oxford: Oxford University Press
- S. De Angeli, **F. Battistin**, “Archaeological site monitoring and risk assessment using remote sensing technologies and GIS”, in E. Stegmeijer, L. Veldpaus (eds), *A Research Agenda for Heritage Planning*, p. 145-154, Edward Elgar Publishing, Inc. ISBN: 9781788974622, doi: <https://doi.org/10.4337/9781788974639>, 2021

### **Conference Proceedings**

- D. Rana, J. Clementi, **F. Battistin**, S. De Angeli, P. Mazzanti (*accepted for publication*), “Uncovering buried archaeological structures and analyzing soil moisture using SAOCOM L-band data: The case of Falerii Novi (Italy)”. In *MetroArcheo 2024*, La Valletta, Malta, 7-9 Oct. 2024

- S. De Angeli, Ph. Fayad, M. Serpetti, **F. Battistin** (*accepted for publication*), “An Open-Source Approach for the Vulnerability Assessment of Archaeological Deposits Using GPR Data in QGIS Environment”, in *Proceedings of the CAA 2021- Digital Crossroads* (Limassol, Cyprus)
- S. De Angeli, **F. Battistin**, F. V. Moresi, Ph. Fayad, M. Serpetti, “Valutazione integrata delle dinamiche di rischio di erosione del suolo in presenza di depositi archeologici. Il metodo proposto dal progetto RESEARCH (REmote SEnsing techniques for ARChaeology)”, in J. Bogdani, R. Montalbano, P. Rosati (a cura di), *ARCHEO.FOSS XIV 2020. Open software, hardware, processes, data and formats in archaeological research. Proceedings of the 14<sup>th</sup> International Conference 15-17 October 2020*, pp. 13-23. Oxford: Archeopress, 2021
- S. De Angeli, **F. Battistin**, M. Serpetti, A. Di Iorio, F. V. Moresi, “The RESEARCH project. Soil-related hazards and archaeological heritage in the challenge of climate change”, in *International Conference Florence Heri-tech: the Future of Heritage Science and Technologies*, 14-16 oct 2020, Online Edition. vol. 949, *IOP Conference Series: Materials Science and Engineering*, doi: 10.1088/1757-899X/949/1/012058, 2020 (*corresponding author*)
- A. Kosta, I. Paraskevopoulos, A. Agapiou, **F. Battistin**, M. Serpetti, F. Waldoch, W. Rączkowski, A. Di Iorio, S. De Angeli, D. Hadjimitsis, “Remote sensing techniques for archaeology. A state of art analysis of SAR methods for land movement”, in *SPIE 11524, Eighth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2020), 115240C*. United States: Proceedings of SPIE, 2020
- **F. Battistin**, S. De Angeli, “Da CLIMA a RESEARCH. Monitoraggio e valutazione del rischio nei siti archeologici mediante l’applicazione di tecnologie di remote sensing e GIS”, in A. Russo, I. Della Giovanpaola (a cura di), *Monitoraggio e manutenzione delle aree archeologiche. Cambiamenti climatici, dissesto idrogeologico, degrado chimico-ambientale. Atti del Convegno Internazionale di Studi (Roma, 20-21 Marzo 2019)*. *Bibliotheca Archaeologica*, vol. 65, p. 275-279, Roma: L’Erma di Bretschneider, ISBN: 978-88-913-1947-0, 2020

#### Additional Published Research

- **F. Battistin**, “Falerii Novi: un tesoro a rischio nell’Agro Falisco. Breve viaggio nella storia delle ricerche sul sito”, *Biblioteca e Società*, p. 9-17, ISSN: 0392-2545, 2019
- **F. Battistin**, “63. Basilica Ulpia”, in C. Parisi Presicce, M. Milella, S. Pastor (a cura di), *Traiano. Costruire l’Impero, creare l’Europa. Catalogo della mostra*, p. 83. Roma: De Luca Editori d’Arte. ISBN: 978-88-6557-358-7, 2017

## PRESENTATIONS

---

#### Lectures and Conference Talks

- “Uncovering buried archaeological structures and analyzing soil moisture using SAOCOM L-band data: The case of Falerii Novi (Italy)”. In *MetroArcheo 2024*, La Valletta, Malta, Oct. 7-9, 2024 (*forthcoming*)
- “Il georadar in archeologia. Corso per avvicinamento alla prospezione archeologica con Georadar. Tecniche di analisi del sottosuolo ed interpretazione dei dati archeologici”. In *Technology for All 2023*, Roma, Nov. 14-16, 2023
- “RESEARCH Risk Assessment Models”; “Case studies and Threats: Falerii Novi”; “RESEARCH Risk Assessment Methodology”. In *RESEARCH Final Conference*, Roma, Oct. 17, 2023

- “A newly developed tool for the post-processing of GPR time-slices in a GIS environment: from the GPR data to the 2.5D map of buried archaeological structures”. In *RESEARCH Intermediate Conference*, Viterbo (IT), Nov. 3, 2022
- “The RESEARCH project. Soil-related hazards and archaeological heritage in the challenge of climate change”. In *HERITECH 2020: International Conference Florence Heri-tech: the Future of Heritage Science and Technologies*, Firenze, Oct. 14-16, 2020 (online edition)
- “Space Syntax in roman Etruria: the case of the buried town of Falerii Novi”. In *AIA 2020: Annual Meeting of the Archaeological Institute of America*, Washington DC, Jan. 2-6, 2020
- “CLIMA WebGis. The architecture”; “Risk assessment methodology”; “Archaeological vulnerability. The case studies of Antonine Wall, Nea Paphos and Falerii Novi”. In *Project CLIMA Final Conference*, Roma, Palazzo Cavalletti, May 17-18, 2018
- “Expanding the interpretation of ancient buried cities. The application of Space Syntax to the Roman town of Falerii Novi (IT)”. In *The Connected Past*, Oxford, Dec. 6-7, 2018
- “Invisible scenarios, creating space in buried context. Experiences, limits, and perspectives”; “The use of Space Syntax for studying buried cities: the case of the Roman town of Falerii Novi (IT)”. In *CE-TAG 2018. The Production of Space and Landscape*, Freiburg, Oct. 8-9, 2018
- “Living in the Severan Rome. Housing Typologies from *Forma Urbis Romae* fragments”. In *Public and Private in the Roman House and Society Conference*, Roma, Institutum Romanum Finlandiae, Nov. 7-8, 2014

#### **Posters and abstracts**

- “Valutare il rischio in aree archeologiche: il progetto RESEARCH (Remote Sensing techniques for Archeology). In *ASITA 2019*, Trieste, Stazione marittima, 12-14 Nov. 2019. [Abstract]
- “From CLIMA to RESEARCH Project. Monitoring and risk assessment of archaeological sites by using remote sensing and GIS”. In *Monitoraggio e manutenzione nelle aree archeologiche. Cambiamenti climatici, dissesto idrogeologico, degrado chimico-ambientale*, Roma, Parco archeologico del Colosseo, Curia Iulia al Foro Romano, 20-21 Mar. 2019. [Poster]

## **PROFESSIONAL SERVICE**

---

#### **Reviewer for science journals**

Journal of Archaeological Science: Reports (Elsevier), 2024  
 ESTOA. Revista Facultad de Arquitectura y Urbanismo Universidad de Cuenca, 2024  
 Digital Application in Archaeology and Cultural Heritage (Elsevier), 2022-2023  
 Journal of Anthropological Archaeology, 2023  
 Land (MDPI), 2023  
 Buildings (MDPI), 2023  
 Journal of Cultural Heritage (Elsevier), 2022  
 Sustainability (MDPI), 2021-2022

#### **Professional memberships**

CMCC Foundation - Euro-Mediterranean Center on Climate Change, from 2023

## **LANGUAGES**

---

Italian (Native), English (Proficient), French (Intermediate), Spanish (Reading Knowledge), Latin and Ancient Greek (Reading and Translation)