

Dr Eleonora Melandri

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Sector Architecture, Architectural Conservation

Education

2025 **PhD in Architectural Conservation**

Architecture and Project Cultures PhD Programme (37th cycle)

Alma Mater Studiorum - University of Bologna, Bologna, Italy.

Dissertation Defense: March 2025

Supervisor: Professor Andrea Ugolini

Research project title: Climate Change and Cultural Heritage. Strategies to limit and manage impacts in archaeological areas.

Abstract: Climate change exacerbates the vulnerability of archaeological sites to extreme weather events, particularly intense rainfall. The research aimed to develop effective preventive measures to safeguard this fragile heritage drawing on international guidelines and empirical evidence from three Italian case studies: Baratti-Populonia (Tuscany) and Suasa (Marche) Archaeological Parks, and Claterna Archaeological Area (Emilia-Romagna). The project delivers a comprehensive set of guidelines and an operational emergency management protocol, advancing an integrated, interdisciplinary and cross-sectorial Disaster Risk Management approach to enhance archaeological heritage conservation and sites resilience.

2024 **PhD Visiting Candidate**

University of Strathclyde, Glasgow (UK)

Period: March 2024 - June 2024

Supervisor: Dr Cristina Gonzalez-Longo

Activities: (i) Expansion of the theoretical framework of the PhD research, focusing on the synthesis of current literature concerning Climate Change impacts on Cultural Heritage. (ii) Cross-national comparative analysis of two Scottish heritage sites, culminating in a dedicated chapter for the PhD thesis; (iii) Presentation of preliminary research findings during a departmental seminar series, facilitating internal peer review.

2019 **MS in Architecture**

5-year Integrated Master's Degree (LM-4, 300/360 ECTS)

School of Architecture and Engineering, Alma Mater Studiorum - University of Bologna, Cesena, Italy.

Graduation: February 2019

Academic Research

2015

Thesis supervisor: Professor Andrea Ugolini

Co-supervisors: Professor Giovanni Cangi, Professor Filippo Piva

Title: *Il Parco Archeologico di Urbs Salvia. Proposte per la conservazione e la valorizzazione del Teatro e dell'Edificio a Nicchioni.* [The Archeological Park of Urbs Salvia. Proposals for the conservation and enhancement of the Roman Theatre and the "Nicchioni"]

BS in Architecture and Building Processes

3-year Bachelor's Degree (L-23, 180 ECTS)

Faculty of Architecture, Alma Mater Studiorum - University of Bologna, Cesena, Italy

Graduation: December 2015

Thesis supervisor: Professor Pier Giorgio Massaretti

Title: *Architettura fascista a Forlì. Opere dell'Ingegnere Arnaldo Fuzzi* [Fascist Architecture in Forlì. Works by engineer Arnaldo Fuzzi]

01.2025 - present

Research Fellow

Department of Architecture, Alma Mater Studiorum - University of Bologna

Topic: Protecting Cultural Landscapes at Risk. Support Risk and Opportunity Assessment Activities on the Co-Development of Inclusive and Equitable Resilience Strategies.

Supervisor: Professor Andrea Ugolini

09.2019 - present

Member of research groups on EU and Nationally Relevant Research projects for the University of Bologna

RescueME - equitable RESilience solutions to strengthen the link between Cultural landscapEs and coMmunitiEs

Funding Programme: Horizon Europe (Culture, creativity and inclusive society)

Project duration: 02/2023 - 07/2026

Project Coordinator: Tecnalia, SPAIN.

UNIBO Role: Partner, WP and Task Leader.

Specific contribution: Work Packages and Tasks directly related with Cultural Heritage and Cultural Landscape. Specifically, to be involved in T1.2 Atlas, T2.1 Repository of solution (WP Leader: UNIBO), T2.5 Long-term transformative resilience (Task Leader: UNIBO).

Art of Darkness as Cultural Heritage of Urban Landscapes

Funding Programme: Horizon Europe

Project duration: 01/2025 - 31/12/2028

Project Coordinator: University of Oulu

UNIBO Role: Partner, WP and Task Leader.

Specific contribution: Activities directly related with Cultural Heritage and Cultural Landscape, and with Cultural Heritage stakeholders engagement.

CHIARA - Cultural Heritage Innovation Adopting Risk Assessment. Advanced Procedures for the enhancement of minor built heritage (located in isolated and/or peripheral locations)

Funding Programme: Nationally Relevant Research Projects (PRIN) funded 2022

Project Duration: 1/10/2023 - 31/02/2026

UNIBO Role: Project Coordinator

Specific contribution: activities on (i) case studies surveys support and analysis of the current state of conservation; (ii) critical comparison and analysis of the microclimatic sensors monitoring data and alteration/degradation phenomena on the built heritage.

AQUAGREEN - Acquiring Urban Resilience Against Floods and Droughts: a novel citizen-powered integrated Green and Blue System

Funding Programme: European Urban Initiative

Project Duration: 1/12/2024 - 31/05/2028

Project Coordinator: URF Unione Romagna Faentina

UNIBO Role: Partner, WP and Task Leader.

Specific contribution: WP7 activities on (i) recognition of good practices to safeguard Cultural Heritage in Urban Areas amid pluvial and riverine flooding; (ii) development of flood hazard and past events mapping specifically designed for Cultural Heritage assets of the pilot city (Faenza, Emilia-Romagna, Italy); (iii) recognition of existing and implemented knowledge and good practices on the topic; (iv) development with the research group of prevention and mitigation strategies for Cultural Heritage amid flooding.

SHELTER - Sustainable Historic Environments holistic reconstruction through Technological Enhancement and community based Resilience

Funding Programme: H2020 (Research and Innovation Action)

Project Duration: 06/2019 - 05/2023

Project Coordinator: Tecnia, SPAIN.

UNIBO Role: Partner, WP and Task Leader.

Specific contribution: coordination of Task 1.2 on (i) recognition of existing and implemented knowledge and good practices outcome of already funded EU projects, (ii) formal knowledge of disaster events for the five study areas, (iii) methodological and IT tools already developed and tested, and (iv) regulatory framework on Cultural Heritage Risk Management (WP1); organization of activities to launch and manage the Ravenna Open Lab and coordination of different contributions for the UNIBO multidisciplinary group (WP7); member of the Steering Committee, participation in international project meetings, workshops and peer-learning activities.

UNINET Cultural Heritage – University Network for Cultural Heritage. Integrated Protection, Management and Use

Funding Programme: Erasmus+ (KA2 Strategic Partnerships)

Project duration: 10/2018 – 08/2021

Project Coordinator: Lublin University of Technology, POLAND.

UNIBO Role: Partner.

Specific contribution: preparation of the chapter for the case study assigned to the University of Bologna for output no. 8 "Best Practice Handbook on Modern Management of Cultural Heritage"; collaboration in the elaboration of the contents of the Summer School organized by the University of Florence and held remotely in the different locations of the European Universities participating in the Erasmus+ UNINET project.

09.2019 - 10.2021

Research Fellow

Department of Architecture, Alma Mater Studiorum - University of Bologna

Topic: Protect the built heritage. Support to study and design activities for the conservation of heritage at environmental risk.

Supervisor: Professor Andrea Ugolini

Teaching Experience

2025 - present

Adjunct Professor

Course: Landscape Architecture

International MA in Economics and Management of Cultural Resources and Territories | Academic Year: 2025/2026, 2nd semester

University of Urbino Carlo Bo, School of Economics, Fano, Italy.

Language of instruction: English.

Adjunct Professor

Course: Processes in Conservation

International MS in Science for Conservation-Restoration of Cultural Heritage | Academic Year: 2025/2026, 1st semester

Alma Mater Studiorum - University of Bologna, Department of Chemistry, Ravenna, Italy.

Language of instruction: English.

2020 - present

Teaching assistant

Thesis Project Lab-based Course on Design, History and Conservation

MS in Architecture | Academic Years: 2020/21 to 2025/26, 2nd semester

School of Architecture and Construction Engineering, Alma Mater Studiorum - University of Bologna, Cesena, Italy.

2019 - present

Teaching assistant

Course: Lab-based Course on Architectural Restoration

MS in Architecture | Academic Years: 2019/20 to 2025/26, 1st semester

School of Architecture and Construction Engineering, Alma Mater Studiorum - University of Bologna, Cesena, Italy.

2026

Guest Lecturer

May 6, 2026 | Politecnico di Milano, Piacenza, Italy

Colloquium: Active conservation of archaeological landscapes

Delivered Lecture: Climate risk management in archaeological sites

Language: English.

Guest Lecturer

April 22, 2026 | Politecnico di Milano, Ravenna, Italy

Colloquium: Protection and valorization of archaeological sites for economic and territorial development

Delivered Lecture: Archaeological sites and Climate Change: Risk Management

Guest Lecturer

March 25, 2026 | Architecture and Design Cultures PhD Programme, Alma Mater Studiorum - University of Bologna, online.

Colloquium: Heritage. Culture of Preservation and Design for the Built Environment: Strategies and Methods for Heritage Conservation and Valorization

Delivered Lecture: Indoor/Outdoor Microclimate for Climate Change

Language: English.

Guest Lecturer

March 13, 2026 | Architecture and Design Cultures PhD Programme, Alma Mater Studiorum - University of Bologna, online.

Colloquium: Heritage. Culture of Preservation and Design for the Built Environment: Strategies and Methods for Heritage Conservation and Valorization
Delivered Lecture: Risk Management from Extreme Events
Language: English.

2025 Guest Lecturer

July 25, 2025 | Doctorate School in Sciences of Engineering, Curriculum Civil, Environmental and Building Engineering and Architecture, Università Politecnica delle Marche, online.
Delivered Lecture: Climate Change and Cultural Heritage. Disaster Risk Management to face extreme weather events in archaeological sites. An approach to the evaluation, protection and conservation.
Language: English.

Summer School Instructor

July 14, 2025 | MA in Architecture, University of Ferrara, Ferrara, Italy
Summer School: OLD CITY RADAR. Old City Resilience by Analysis Digitalization and Assessment of Risks. Climate change impacts on Urban Areas and Historic Towns
Lecture on the intersection of Climate Change Impacts on Cultural Heritage, with focus on Urban Areas and Historic Towns.

Training Course Instructor

March 28, 2025 | Populonia, Italy
Course: La cura del paesaggio: un valore aggiunto per la gestione dei Parchi della Val di Cornia [Landscape management and care: an added value for the Val di Cornia Cultural and Natural Parks]
Lecture on Climate Change and Disaster Risk Management addressed to staff and guardians of the Val di Cornia Cultural and Natural Parks.

2024 Workshop Teaching Assistant

December, 2024 | Architecture and Design Cultures PhD Programme, Alma Mater Studiorum - University of Bologna, online.
Colloquium: Heritage. Culture of Preservation and Design for the Built Environment: Strategies and Methods for Heritage Conservation and Valorization
Delivered Lecture: Risk Management from Extreme Events
Language: English.

2021 - 2023 Teaching assistant

Course: Architectural Restoration
BS in Architecture-Engineering | Academic Years: 2021/22, 2022/23
School of Architecture and Construction Engineering, Alma Mater Studiorum - University of Bologna, Bologna, Italy.

2021 Thesis Co-Supervisor

MS in Architecture | **Academic Year: 2021/2022**
School of Architecture and Construction Engineering, Alma Mater Studiorum - University of Bologna, Cesena, Italy
Thesis Title: The Archaeological site of Santa Croce in Ravenna: H-BIM for preventive and programmed conservation
Main Supervisor: Andrea Ugolini

Professional experience

2022 **Tutor UNINET International Summer School**
International Summer School on Sustainable Management and Use of Cultural Heritage | July, 2022
Alma Mater Studiorum - University of Bologna, Bologna, Italy
Organised in the framework of the Erasmus+ "University Network for Cultural Heritage (UNINET-CH) – Integrated Protection, Management and Use" project activities.

2024 - ongoing

Professional collaboration
Italian Society for Architectural Conservation/Restoration (SIRA)
Monitoring and Updating of SIRA website

2020

Professional collaboration
CEIS Rimini, Italy.
Text translation (Italian-English), documents graphic layout

2019

Professional collaboration
M2A Architectural Design Studio, Forlì, Italy.
architecture projects and design, 3D modelling and rendering

2016

Competition Design Group Member
Siroscape Architettura - Architectural Design Studio, Forlì, Italy.
Cooperation in the architectural design concepts, graphic layouts, project proposal development for the following competitions:

- Regeneration of the historic center of the Municipality of Dolo (Venice, Italy)
- Urban regeneration of the historic center of the Municipality of Campagna Lupia (Venice, Italy)
- Industrial Site regeneration: Progetto Centrale Enel (Alessandria, Italy)

2015

Professional collaboration
Siroscape Architettura - Architectural Design Studio, Forlì, Italy.
architectural regeneration and restoration projects, museographic displays and installation designs, editorial graphic activities

Certifications, Training, Workshop participation

March - June 2026

Academic English course - Advanced level
University Language Centre, University of Bologna. Online.
Course addressed to Research fellows and Doctoral students, Awarded a C1 English Proficiency Qualification at completion.

March - June 2023

Digital information systems for heritage planning and management at different scales course
Department of Architecture, University of Bologna, Bologna, Italy.
15 hours course on GIS tools and methods for heritage and planning.

July 2022

International Summer School "After the Damages"
Promoted and organised by: University of Ferrara and Emilia-Romagna Region. Online.
Completed a 104-hour specialized training on prevention, safety, and post-

	disaster emergency management for built heritage; course promoted and funded by the Emilia-Romagna Region.
June - July 2022	International Summer School "Heritage in the shadow of conflicts" <i>Organised by: ICOMOS Denmark, ICOMOS Germany. Online.</i> Completed a three-day intensive program on the protection and safeguarding of tangible, intangible, cultural, and natural heritage in conflict-affected areas.
February - May 2022	Academic English course (Writing) - Advanced level <i>University Language Centre, University of Bologna. Online.</i> 24-hour course open to Research fellows and Doctoral students.
March - May 2020	Base course on the GIS tool <i>Department of Architecture, Alma Mater Studiorum - University of Bologna, Bologna, Italy.</i> 20-hour course aimed at learning ArcGIS tool (GIS system).
February - June 2020	Academic English course (Speaking & Writing) - Advanced level <i>University Language Centre, University of Bologna. Online.</i> 24-hour course open to Research fellows and Doctoral students.
2018	ARCHISTEAM Erasmus + Workshop participation <i>Organised by: Alma Mater Studiorum - University of Bologna, in cooperation with Aalborg University (Denmark) and METU University (Ankara). Cesena, Italy.</i> Design proposals for the Republic of San Marino during a workshop on tangible and intangible borders; awarded a Mention of Merit at the final conference. "Project for public space" Workshop participation <i>Organised by: Alma Mater Studiorum - University of Bologna and Municipality of Abano Terme, Padova. Cesena and Abano Terme, Italy.</i> Urban and architectural redesign of Abano Terme's center and the historic Viale delle Terme; project selected for the public exhibition "Innovative Ideas".
2015	Curricular Internship Siroscape Architettura - Architectural Design Studio, Forlì, Italy.
Awards and mentions	
2020	1° place Master Thesis Awards Campus of Cesena, University of Bologna
2019	Thesis Award <i>Thesis Award on heritage constrained under Legislative Decree 42/2004, promoted by A.D.S.I.</i> Thesis classified in the top 10 places.
2018	ARCHISTEAM <i>November 17-19, 2018. Workshop organized as part of the ARCHISTEAM Erasmus+ Project.</i> Alma Mater Studiorum - Università di Bologna, in collaboration with Aalborg University (Denmark) and by METU University (Ankara). Cesena, Italy Special Mention to the group project.

Conference Presentations

2026

Blue Shield Italy Conference

International Exhibition on Heritage Restoration, Ferrara. Italy. May 2026.

Invited Speaker at the Conference: The protection of cultural heritage from natural and man-made hazards.

Presentation: Managing emergencies in archaeological sites amid extreme climatic events: strategies and intervention protocols.

CHIARA National Research project Final Conference

Bologna, Italy. February 2026.

Conference: CHIARA - Cultural Heritage Innovation Adopting Risk Assessment Advanced procedures for the enhancement of nationwide built heritage (positioned in isolated and/or peripheral locations)

Presentation: Placement of Microclimatic Monitoring Probes for Scheduled Maintenance (Co-presented with A. Ugolini)

2025

Rencontres Internationales du Patrimoine Architectural Méditerranéen (RIPAM 11) International Conference

Palermo, Italy. November 2025.

Conference: The material and immaterial heritage of Mediterranean cultures: contaminations, stratifications, restorations and valorisation

Presentation: Extreme weather events and conservation strategies: the case of the Populonia-Baratti Archaeological Park in the Mediterranean context (Co-presented with A. Ugolini)

Rencontres du Golfe de Gênes Conference

Monaco, France/Online. September 2025.

Presentation: *Gestion des urgences sur les sites archéologiques en réponse à des événements météorologiques extrêmes: stratégies et approches d'intervention* [Emergency management in archaeological sites in response to extreme weather events: strategies and intervention approaches] (Co-presented with A. Ugolini)

European Association of Archaeologists (EAA) Annual Meeting

Belgrade, Serbia/Online. September 2025.

Session: Climate change and archaeological sites: from knowledge to planned conservation

Presentation: Climate Change and Disaster Risk Management in Archaeological contexts. A protocol for emergency response amid extreme weather events

40th Conference *Scienza e Beni Culturali* [Science and Cultural Heritage]

Bressanone, Italy. June 2025.

Conference: *Le prossime sfide per i Beni Culturali. Ricerca, competenze e professioni a fronte di cambiamenti climatici, sostenibilità e transizione digitale* [The Next Challenges for Cultural Heritage: Research, Skills, and Professions in the Face of Climate Change, Sustainability, and Digital Transition]

Presentation: *Affrontare gli eventi meteorologici estremi in contesti archeologici. Strategie di gestione dell'emergenza nel Parco Archeologico di Suasa* [Facing extreme weather events in archaeological sites. Strategies for emergency management in the Archaeological Park of Suasa]

2024

International Conference

Florence, Italy. October 2024.

Conference: 1964-2024 Venice Charter. Theoretical reflection and operation

practices in Architectural Conservation projects

Presentation title: Archaeological Heritage and Risk Management: evolution of concepts and knowledge over time (*Co-presented with A. Ugolini*)

2023 International Conference "Leaving Nothing Behind 2023"

Bologna, Italy. December 2023.

Conference: Leaving Nothing Behind 2023

Session Co-coordinator with B. Baldassarre, A. Pauli, M.A. De Vivo:

Member of the Conference Organisation Committee

Open Seminar

Milan, Italy. November 2023.

Invited Speaker at the Seminar: *Gestire i paesaggi rurali storici e il cambiamento climatico attraverso la partecipazione delle comunità* [Managing historical rural landscapes and climate change through communities participation]

Invited Speaker.

Presentation: Climate change and risk mitigation: new and ancient strategies for water management.

11th AISU International Conference

Ferrara, Italy. September 2023.

Conference: Beyond the gaze. Interpreting and understanding the city

Session co-ordinated with D. Pittaluga, A. Ugolini, A. Zampini: New gazes, different strategies for shared heritage care.

3rd SIRA Conference

Naples, Italy. June 2023.

Conference: Restauro dell'architettura. Per un progetto di qualità [Restoration of Architecture. For a quality project]

Presentation: Conservazione programmata e monitoraggio nell'area archeologica di Santa Croce [Preventive and Programmed Conservation and Monitoring in the Archaeological area of Santa Croce]

10th CIRICE International Conference

Naples, Italy. June 2023.

Conference: City and War. Military defences, ruins, permanences of urban memories and images

Presentation: *La Rocca di Ravaldino a Forlì: trasformazione di un manufatto urbano* [Ravaldino Fortress in Forlì: transformations of an urban built heritage]

2022 UNIBO Conference

Ravenna, Italy. October 2022.

Conference: World Heritage. 50 years since the UNESCO Convention: reflections in the fields of the Alma Mater Studiorum

Presentation: An interdisciplinary approach for the protection and management of a UNESCO buffer zone: the Ravenna case-study of Santa Croce (*Co-presented with A. Santangelo, B. Baldassarre, S. Tondelli, A. Ugolini*)

10th AISU International Conference

Turin, Italy. September 2022.

Conference: Adaptive cities through the postpandemic lens

Invited Speaker to the Round Table: Towards Adaptive, Climate Neutral and Resilient Historic Urban Districts

EAAE Conservation Network Workshop 2022

Porto, Portugal. September 2022.

Workshop attendance and subsequent submission of the contribution:

	"Dissonant Heritage and urban development policies. Exploring future opportunities for inclusive and resilient cities". EU Task Force for Climate Neutral and Resilient Historic Urban Districts <i>Online, June 2022.</i> Participation as recorded-speaker for a video testimonial of case studies activities within H2020 SHELTER project.
2021	EU Task Force for Climate Neutral and Resilient Historic Urban Districts (Kick-off session) <i>Online, June 2021.</i> Invited speaker at the session: On-the-ground challenges for resilient historic urban districts.
2020	36th Conference <i>Scienza e Beni Culturali</i> [Science and Cultural Heritage] <i>Bressanone, Italy/Online, November 2020.</i> Conference: <i>Gli effetti dell'acqua sui Beni Culturali. Valutazioni critiche e modalità di verifica</i> [Water impacts on Cultural Heritage. Critical assessment and verification methods] Presentation: Managing water risks in archaeological sites: the flooding of the complex of Santa Croce in Ravenna (<i>co-presented with A. Ugolini</i>)
Scientific Memberships	
2026 - present	Member Blue Shield Italy
2025	Member European Association of Archaeologists (EAA)
2024	Member Associazione Italiana di Storia Urbana (AISU) [Italian Association of Urban History]
2021 - present	Member Società Italiana per il Restauro dell'Architettura (SIRA) [Italian Society for Architectural Conservation/Restoration]
Language proficiency	
	Italian native tongue English C1 Spanish B2 German A1
IT skills	
operating systems	Windows macOS
productivity suites	Microsoft Office (Word, Excel, Power Point) Apple iWork (Pages, Numbers, Keynote)

2D/3D modelling & rendering	AutoCad ArchiCad SketchUp Rhinoceros (base level) Cinema 4d (base level)
graphic design & digital imaging	Adobe Creative Suite (Photoshop, Illustrator, InDesign) Gimp
architectural surveying (hardware)	Total station 3D Laser scanner
reality capture & survey data processing	Leica Cyclone Agisoft Metashape (formerly Photoscan) Autodesk ReCap RDF
GIS softwares	ArcGIS (base level) Q-GIS (base level)
Publications	
2026	Melandri, E. (2026). Emergency management in archaeological sites in response to extreme weather events: strategies and intervention approaches. <i>Bull. Mus. Anthropol. préhist. Monaco</i>, 65. (in press) Pretelli, M., Ugolini, A., Favaretto, G., Melandri, E., & De Vivo, M.A. (2026). Preserving nationwide ancient and modern built heritage: microclimate and conservation. In V. Gusella, M., Giofrè, F. Cluni, N. Cavalagli, G. Milani (Eds.), <i>Architecture, Engineering and Design for Monuments Safeguarding. Proceedings of AID Monuments 2025</i> (pp. 248-259). Springer Nature (Cham, Switzerland). https://doi.org/10.1007/978-3-032-15387-6_18 Egusquiza, A., Gandini, A., Garcia-Blanco, G., Garcia, I., Santangelo, A., Melandri, E., Garmendia, L., Quesada-Ganuza, L., & Peer, A. (2026). Co-creating multi-hazard resilience indicators for historic environments: a context-specific assessment framework. <i>Earth</i>, 7, 1-39. https://doi.org/10.3390/earth7010024
2025	Melandri, E., & Ugolini, A. (2025). Affrontare gli eventi meteorologici estremi in contesti archeologici. Strategie di gestione dell'emergenza nel Parco Archeologico di Suasa. [Facing extreme weather events in archaeological contexts: Emergency management strategies in the Archaeological Park of Suasa]. In G. Driussi & Z. Morabito (Eds.), <i>Le prossime sfide per i Beni Culturali. Ricerca, Competenze, e Professioni a fronte di Cambiamenti Climatici, Sostenibilità e Transizione Digitale</i> (Vol. 2025). Edizione Arcadia Ricerche Srl (Venice, Italy).

- Cepeda Guedea, A., Mazzucco, B., & Melandri, E. (2025). Flooding Risk Profile: The Zanzibar case study. In M. Balzani, F. Maietti, & F. Raco (Eds.), *Heritage at risk. Improving resilience and awareness towards preservation, risk mitigation and governance strategies* (pp. 415–423). CRC Press/Balkema Taylor and Francis Group (Boca Raton, FL). DOI: [10.1201/9781003530787](https://doi.org/10.1201/9781003530787)
- 2024 Melandri, E., West, E., Santangelo, A., Koppelaar, R., & Egusquiza, A. (2024). An agent-based model for greening the city of Ravenna and reducing flooding at a cultural heritage site. In *Sustainability in Energy and Buildings 2023* (pp. 697–707). Springer Nature (Singapore). [http://doi.org/10.1007/978-981-99-8501-2_60](https://doi.org/10.1007/978-981-99-8501-2_60)
- Signorelli, L., Zampini, A., & Melandri, E. (2024). Dissonant heritage and urban development policies. Exploring future opportunities for inclusive and resilient cities. In D. Fiorani, G. Franco, L. Kealy, R. Crisan, S.F. Musso, T. Cunha Ferreira, *Conservation / Sustainable Design. Heritage Challenges in Historic Urban Landscapes* (pp. 241–254). EAAE (Hasselt, Belgium).
- Melandri, E., Santangelo, A., Durrant, L. J., Ugolini, A., & Tondelli, S. (2024). The Ravenna organigraph: a tool to map the governance structure for disaster risk management of heritage sites. In *Città che si adattano? Adaptive Cities?* (Vol. 3, pp. 882–893). AISU International (Turin, Italy).
- Ugolini, A., & Melandri, E. (2024). Climate change risk management in archaeological areas: the role of ICOMOS. *Restauro Archeologico*, 32(2/2024), 436–441. Firenze University Press (Florence, Italy).
- 2023 Melandri, E. (2023). Conservazione programmata e monitoraggio nell'area archeologica di Santa Croce. [Programmed conservation and monitoring in the archaeological area of Santa Croce]. In S. Della Torre & V. Russo (Eds.), *Proceedings of the III SIRA Congress "Restauro dell'architettura. Per un progetto di qualità"* (pp. 400–407). Edizioni Quasar (Rome, Italy).
- Melandri, E., & Ricupero, M. (2023). La Rocca di Ravaldino a Forlì: trasformazioni di un manufatto urbano. [Ravaldino Fortress in Forlì: transformations of an urban built heritage]. In E. Amore, M. I. Pascariello, & A. Veropalumbo (Eds.), *City and War. Military defences, ruins, permanences of urban memories and images* (Vol. II, pp. 513–522). Federico II University Press (Naples, Italy).
- 2022 Melandri, E., & Ugolini, A. (2022). Italian archaeological World Heritage Sites: disaster risk reduction in the management plans. *Restauro Archeologico*, 30(1), 128–133. Firenze

University Press (Florence, Italy).

West, E., Koppelaar, R., Egusquiza, A., Santangelo, A., & Melandri, E. (2022). An agent-based model for greening a city for reducing pluvial flooding at a cultural heritage site. In *International Workshop on Agent-Based Modelling of Urban Systems (ABMUS) Proceedings: 2022* (pp. 42–47). <https://doi.org/10.6084/m9.figshare.14579604.v1>

Santangelo, A., Melandri, E., Marzani, G., Tondelli, S., & Ugolini, A. (2022). Enhancing resilience of cultural heritage in historical areas: a collection of good practices. *Sustainability*, 14(9), 5171. <https://doi.org/10.3390/su14095171>

2021 Bitelli, G., Barbieri, E., Girelli, V. A., Lambertini, A., Mandanici, A., Melandri, E., Roggio, D. S., Santangelo, A., Tini, M. A., Tondelli, S., & Ugolini, A. (2021). The complex of Santa Croce in Ravenna as a case study: integration of 3D techniques for surveying and monitoring of a historical site. In *Proceedings of the joint international event 9th ARQUEOLÓGICA 2.0 & 3rd GEORES 26–28 April 2021*. Editorial Universitat Politècnica de Valencia (Valencia, Spain).

Bitelli, G., Barbieri, E., Girelli, A. V., Lambertini, A., Mandanici, A., Melandri, E., Roggio, D. S., Santangelo, A., Tini, M. A., Tondelli, S., & Ugolini, A. (2021). Rilievi integrati e multifunzionali al complesso di Santa Croce in Ravenna nell'ambito del progetto SHELTER. [Integrated and multifunctional surveys at the Santa Croce complex in Ravenna within the SHELTER project]. In *ASITA Academy Proceedings* (pp. 41–42).

2020 Ugolini, A., Melandri, E., Agostinelli, E. R., Sericola, M., Vandini, M., & Fiorentino, S. (2020). Managing water risks in archaeological sites: the flooding of the complex of Santa Croce in Ravenna. In G. Driussi & G. Biscontin (Eds.), *Gli effetti dell'acqua sui Beni Culturali. Valutazioni critiche e modalità di verifica. Atti del Convegno di Studi Bressanone 17-19 novembre 2020* (pp. 163–174). Edizione Arcadia Ricerche (Venice, Italy).

Signature



Forlimpopoli, June 2026

I hereby declare that the information provided in this Curriculum Vitae is true and accurate to the best of my knowledge and belief. Further references are available upon request.

I authorize the processing of my personal data in accordance with the EU Regulation 2016/679 (GDPR) and the current Italian legislation.