

M. MADDALENA ACHENZA

CURRICULUM VITAE

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PERSONAL INFORMATION

Name	Maria Maddalena ACHENZA
Address	Loc Poggio dei Pini, Strada 42, n.5 – CAPOTERRA
Telephone	off: +39 070 6753827 – mob: + 39 3296271365
E-mail	maddalena.achenza@unica.it
Nationality	Italian
Date of birth	28.02.1966

ACADEMIC TRAINING

2012	PhD in Architecture
Title	Manuale per il recupero dell'oasi di Figuig (Marocco). Difficoltà e buone pratiche.
Grade	Very good
Tutor	Prof. Antonello Sanna
1997	Certificat d'Etudes Aprofondis en Architecture (CEAA) at CRATerre ENSAG (Centre de Recherche sur l'Architecture de Terre – Ecole Nationale Superieure d'Architecture de Grenoble), France.
Title	Architecture en Terre en Sardaigne.
Grade	Excellent
Tutor	Prof. Hubert Guillaud
1994	Master's Degree in Architecture – Conservation and restoration
Title	Facoltà di Architettura di Firenze
Grade	110/110 cum laude
Tutor	Prof. Valerio Sestini

ACADEMIC TITLES

2018	Assistant researcher at DICAAR_Università degli Studi di Cagliari
2021	Associate Professor at DICAAR_Università degli Studi di Cagliari

OTHER TITLES

Registration at the **Ordine degli architetti, paesaggisti, pianificatori e conservatori di Cagliari e Provincia n. 1004**

- 2021 - Ongoing **President of ICOMOS ISCEAH – ICOMOS** International Scientific Committee on Earthen Architectural Heritage
- 2001 - Ongoing Responsible of the **Unitwin UNESCO Chair** “Earthen Architecture. Building culture and sustainable development”

RESEARCH

- 2001 – 2009 Università di Cagliari School of Engineering
Research position – Documentation and research on earthen architecture
- 2012 – 2013 Università di Cagliari School of Engineering
Research position - Safeguard and enhancement of earthen architectural landscape through the conservation and restoration of the built heritage
- 2013 - 2016 Università di Cagliari School of Engineering
Research grant - FOSTER in MED – Fostering solar technologies in the Mediterranean area
- Sept-Dec 2025 Getty Conservation Institute Research Scholar (Los Angeles, USA)

PHD TUTORSHIP

PhD Tutor: Viola Toccafondi “Neuinterpretation und zeitgenoessische Anwendung der antiken Lehm-bau-Tradition auf Sardinien”, Technische Universität Berlin, defended in Berlin in 2014.

PhD Tutor: Marta Cappai “Conservation of ancient paintings: evaluation of traditional natural materials for superficial consolidation of earth plasters”, Università degli Studi di Cagliari, defended in Cagliari in 2017.

PhD Co-Tutor: Nuria Alvarez Coll “Matière, source d’émotions”, Università degli Studi di Cagliari and Université Grenoble Alpes. 2021-2024.

PhD Tutor: Amanda Rivera Vidal “Forward to basics: terra & fiber. From adaptive vernacular architecture to contemporary material solutions”, Università degli Studi di Cagliari. 2021-ongoing.

PhD Tutor: Patricia Marchante “Coating materials and techniques from earthen vernacular heritage: Case studies from Spain, Chile and Sardinia”, Università degli Studi di Cagliari. 2022-ongoing

PhD Co-Tutori: Rim Menia “Innovative approaches for community management of vernacular earthen built heritage in Mediterranean cultures”, Universidade Autónoma de Lisboa, Departamento de História, Artes e Humanidades and Instituto Politécnico de Tomar Escola Superior de Tecnologia de Tomar. 2025-ongoing

RESEARCH PROJECTS

- 2004 **Member of the PRIN project research group.** Resp. C. Aymerich. Environmentally compatible protection and enhancement of the

architectural heritage in the minor historical contexts of Sardinia: characters, techniques and typology.

- 2006 **Member of the PRIN project research group.** Resp. A. Sanna. architectural design and construction in some examples of Sardinia and southern Italy after World War II (1945-65). Methods and techniques of conservation and restoration.
- 2005 - 2006 **Project leader of the European Project Culture 2000** – Houses and cities built with earth. Conservation, significance and urban quality. Budget € 300.000 for a biennial cultural exchange project between 16 partners from 7 different countries (Italy, Spain, Portugal, France, Germany, Hungary and Morocco).
- 2006 **Project of the International cooperation project** “Houses and cities built with earth. Urban planning and conservation methods” - Regione Autonoma della Sardegna (L.R. 19/96). Budget € 11.000 for an annual academic teaching exchange program between the University of Cagliari and the Ecole Nationale d'Architecture of Rabat - Morocco.
- 2009-2010 **Project leader of the International cooperation project** “Conservation, restoration and valorization of the earth-built heritage” - Regione Autonoma della Sardegna (L.R. 19/96). Budget € 150.000 for a two-year project in cooperation with the Municipality of the Figuig oasis in Morocco, aimed at the recovery of an ancient ksar and the training of unskilled workers specialized in the restoration of the built heritage.
- 2012-2014 **Co-organizer the European Project VERSUS** “From vernacular to sustainable architecture” – funded under the EU Culture Program, in cooperation with Escola Superior Gallaecia (Portogallo), UPV-Universidad Politecnica de Valencia (Spagna), CRATerre ENSAG-École Nationale Supérieur de Grenoble (France), UNIFI - Università degli Studi di Firenze (Italia).
- 2013-2016 **Member of the Scientific Committee of the European Project FOSTERinMed**, funded under the EU ENPI CBC MED.
- 2015-2018 **Partner of the national project (Spain) SOS Tierra** “La restauracion y rehabilitacion de arquitectura tradicional de tierra en la peninsula iberica. Lineas guia y herramientas para una intervencion sostenible” coordinated by UPV-Universidad Politecnica de Valencia (Spagna), funded by Ministerio de Economia e Competitividad – Spain.
- 2019-2020 **Project leader of the International cooperation project** “PAIS Projeto de Arquitetura Inclusiva e sustentavel” - Regione Autonoma della Sardegna (L.R. 19/96). Budget € 50.000 for a one-year project in cooperation with Universidade de Maputo (Mozambique).
- 2020-2021 **Project leader of the International cooperation project** “PAIS2 - Projeto de Arquitetura Inclusiva e sustentavel” - Regione Autonoma della Sardegna (L.R. 19/96). Budget € 50.000 for a one-year project in cooperation with Universidade de Maputo (Mozambique).
- 2020-2024 **Co-organizer the European Project VERSUS+** “Heritage for people” – funded under the EU Culture Program, in cooperation with Escola Superior Gallaecia (Portogallo), UPV-Universidad Politecnica de Valencia (Spagna), CRATerre ENSAG-École Nationale Supérieur de Grenoble (France), UNIFI - Università degli Studi di Firenze (Italia).
- 2024-2025 **Project leader of the International Cooperation Project** “Babylon’s legacy. Capacity building project on the conservation of traditional building know-how”, Regione Autonoma della Sardegna (L.R. 19/96). Budget € 90.000 for a one-year project in cooperation with Nahrain University (Iraq), Karbala University (Iraq), World Monuments Fund (USA).

COORDINATION OF INTERNATIONAL RESEARCH GROUPS

2009	Founder and coordinator of the research group Mediterra - Mediterranean earthen architecture which includes 24 representatives of as many Institutes from 12 countries (Italy, France, Portugal, Spain, Cyprus, Greece, Turkey, Egypt, Morocco, Tunisia, Bosnia-Herzegovina, Slovenia).
2008 - 2014	Coordinator of the research group "Technology of earthen architecture. Cooperating in the process of understanding the historic / traditional techniques of earthen structures through research into materiality, including its impact on new earthen construction, and encouraging/promoting/supporting additional research into the decay pathology of the earth building system, within ICOMOS - ISCEAH International Scientific Committee for the Earthen Architectural Heritage.

TEACHING

Jul -Set 2002 Institution Activity	Università di Cagliari - School of Architecture Organization, tutoring and teaching for the "Summer Workshop on earthen architecture design and construction in cooperation with the Technische Hochschule - University of Kassel (40 hours).
Jul 2003 Institution Activity	Universidad Central de Chile - Facultad de Arquitectura, Urbanismo y paisaje de Santiago Tutoring for the international seminar "Patrimonio Arquitectonico: fuente de nueva arquitectura" (50 hours).
Jul -Set 2003 Institution Activity	Università di Cagliari - School of Architecture Organization, tutoring and teaching for the "Summer Workshop on earthen architecture design and construction in cooperation with the Technische Hochschule - University of Kassel (40 hours).
2004 Institution Activity	Università di Cagliari - School of Architecture Organization, tutoring and teaching for the "Summer Workshop on earthen architecture design and construction in cooperation with Università di Udine (40 hours).
Jul 2006 Institution Activity	Università degli Studi di Cagliari – School of Architecture Teacher at Unitwin UNESCO Architettura in terra. Culture costruttive e sviluppo sostenibile (62 hours).
Dec 2006 Institution Activity	Ecole Nationale d'Architecture de Rabat - Morocco Teaching: "Earthen houses and cities. Methods for redevelopment and recovery" (5 hours).
Oct 2007 Institution Activity	Escola Superior Gallaecia - Portugal Teaching: Earthen traditional architecture in Sardinia (3 hours).

Nov 2007 Institution Activity	Politecnico di Torino – Mondovì – Faculty of Architecture Teaching: Techniques for the recovery of earth architecture (4 hours).
Mar - Jun 2008 Institution Activity	Università degli Studi di Cagliari – School of Architecture Lecturer for the Unitwin UNESCO Earthen Architecture. Constructive cultures and sustainable development (62 hours).
Mar - Jun 2009 Institution Activity	Università degli Studi di Cagliari – School of Architecture Lecturer for the Unitwin UNESCO Earthen Architecture. Constructive cultures and sustainable development (62 hours).
Jul 2009 Institution Activity	Università di Cagliari - School of Architecture Organization, tutoring and teaching for the "Summer Workshop on earthen architecture design and construction in cooperation with the University of Udine (40 hours)..
Mar - Jun 2010 Institution Activity	Università degli Studi di Cagliari – School of Architecture Lecturer for the Unitwin UNESCO Earthen. Constructive cultures and sustainable development (62 hours)
Mar - Jun 2011 Institution Activity	Università degli Studi di Cagliari – School of Architecture Lecturer for the Unitwin UNESCO Earthen. Constructive cultures and sustainable development (62 hours).
Jun 2011 Institution Activity	Università degli Studi di Napoli Federico II – School of Architecture Teaching: Building with earth (8 hours).
Nov 2011 Institution Activity	Università di Cagliari - School of Architecture Organization, coordination and teaching for the "Summer Workshop on earthen architecture design and construction in cooperation with CRATerre - Grenoble (France) (40 hours).
Mar - Jun 2012 Institution Activity	Università degli Studi di Cagliari – School of Architecture Lecturer for the Unitwin UNESCO Earthen. Constructive cultures and sustainable development (62 hours).
Mar 2012 Institution Activity	Università degli Studi di Cagliari – School of Architecture Organization, coordination and teaching for the "Summer Workshop on the conservation of architecture on earth in collaboration with the Ecole Nationale d'Architecture de Rabat (Morocco), Escola Superior Gallaecia (Portugal) held in Figueir (Morocco) (64 hours).
Apr 2012 Institution Activity	Ministère de la Culture (Algeria) Public lecture at Festival "Architerre", l'EPAU - Ecole Public d'Architecture et Urbanism de Alger (3 hours).
Mag 2012	

Institution	Ecòle Nationale Supérieure d'Architecture de Grenoble – CRATerre (France)
Activity	Public lecture on Conservation and enhancement experiences of the historic centers of Sardinia (4 hours).
Jul 2012	
Institution	Università degli Studi di Napoli Federico II – School of Architecture
Activity	Teaching “Costruire con la terra” (8 hours).
Jul 2012	
Institution	Università degli Studi di Cagliari – School of Architecture
Activity	Organization, coordination and teaching for the International Workshop "Building with earth and bamboo" (40 hours).
Set 2012	
Institution	Università degli Studi di Cagliari – School of Architecture
Activity	Organization, coordination and teaching for the International Workshop "Building with earth and bamboo" (40 hours).
Mar - Jun 2013	
Institution	Università degli Studi di Cagliari – School of Architecture
Activity	Lecturer for the Unitwin UNESCO Earthen Architecture. Building cultures and sustainable development (62 hours).
Jun 2013	
Institution	Università degli Studi di Napoli Federico II – School of Architecture
Activity	Teaching “Building with earth” (8 hours).
Sep 2013	
Institution	Università degli Studi di Cagliari – School of Architecture
Activity	Organization, coordination and teaching for the international workshop “Knowing the earth as a building material. Itineraries to discover the traditional heritage of Sardinia "(40 hours)
Mar - May 2014	
Institution	Università degli Studi di Cagliari – School of Architecture
Activity	Lecturer for the Unitwin UNESCO Earthen Architecture. Constructive cultures and sustainable development (62 hours).
Dec 2014	
Institution	Sardegna Ricerche – Autonomous Region of Sardinia
Activity	Docenza per il corso “Building Integration of photovoltaic” (4 hours).
Mar 2015	
Institution	Università degli Studi di Cagliari – School of Architecture
Activity	Lecturer for the Unitwin UNESCO Earthen Architecture. Building cultures and sustainable development (62 hours).
Jun 2015	
Institution	Manifattura Urbana (Cultural Association)
Activity	Lecturer for the Unitwin UNESCO Earthen Architecture. Building cultures and sustainable development (24 hours).
Jun 2015	
Institution	Università degli Studi di Cagliari – School of Architecture
Activity	Organization, coordination, and teaching for the workshop "Traditional Japanese plasters and finishes" in collaboration with the National Association of Cities of the Earth and Kenji Matsuki (25 hours).
Jul 2015	
Institution	Università degli Studi di Cagliari – School of Architecture

Activity	Organization, coordination and teaching for the workshop "Traditional Japanese plasters and finishes" in collaboration with the National Association of Cities of the Earth and Kenji Matsuki (48 hours).
Nov 2015 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Teaching "Building Integration of photovoltaic" (30 hours).
Mar – May 2016 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Lecturer for the Unitwin UNESCO Earthen Architecture. Building cultures and sustainable development (62 hours).
Mar – May 2017 Institution	Università degli Studi di Cagliari – School of Civil and Environmental Engineering, and Architecture
Activity	Lecturer for the Unitwin UNESCO Earthen Architecture. Building cultures and sustainable development (62 hours).
Jul 2017 Institution	Università degli Studi di Cagliari – School of Civil and Environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the workshop "Full immersion in the earth" - Unitwin UNESCO Chair (40 hours).
Feb 2018 Institution	Università degli Studi di Cagliari – School of Civil and Environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the workshop "3D printing with earth" - Unitwin UNESCO Chair (12 hours).
Apr 2018 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the "Composite earth shell" workshop - Unitwin UNESCO Chair (50 hours). In collaboration with the University of Ghent, Belgium.
Jul 2018 Institution	Università degli Studi di Cagliari – School of Civil and Environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the workshop "Full immersion in the earth" - Unitwin UNESCO Chair (40 hours)
Jul 2019 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the workshop "Full immersion in the earth" - Unitwin UNESCO Chair (40 hours).
Nov 2019 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the Scientific School "Shared Languages Sardegna" (40 hours).
May 2021 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture

Activity	Organization, coordination, and teaching for the workshop "PAIS2 - Maputo" - within the international cooperation project "Projeto de Arquitetura Inclusiva e sustentavel" (40 hours).
Sep 2021 Institution	Università degli Studi di Cagliari – Facoltà di Ingegneria Civile, Ambientale e Architettura
Activity	Organizzazione, coordinamento e didattica per la Scientific School "Shared Languages Sardegna" (40 ore)
Jul 2022 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the workshop "Full immersion in the earth" - Unitwin UNESCO Chair (40 hours).
Mar 2023 Institution	Università degli Studi di Cagliari – School of Civil and Environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the workshop " traditional heritage for a sustainable transition", Formentera 23 - 29 marzo 2023 (40 hours).
Jul 2023 Institution	Università degli Studi di Cagliari – School of Civil and Environmental Engineering, and Architecture
Activity	Organization, coordination, and teaching for the workshop "Full immersion in the earth" - Unitwin UNESCO Chair (40 hours).
Apr 2024 Institution	Rhode Island School of Design, Providence (USA)
Activity	Clay matter(s), course organized by INTAR/LDAR Sustainability Design Lab (18 hours).
Jul 2024 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the workshop "Full immersion in the earth" - Unitwin UNESCO Chair (40 hours).
Sept 2024 Institution	Università degli Studi di Cagliari – School of Civil and Environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the hands-on workshop "Capacity building on traditional construction know-how" organized in Babylon (Iraq) (20 hours).
Sept 2025 Institution	Università degli Studi di Cagliari – School of Civil and environmental Engineering, and Architecture
Activity	Organization, coordination and teaching for the hands-on workshop "Capacity building on traditional construction know-how" organized in Babylon (Iraq) (20 hours).

INVITED SPEAKER

2006 **Invited speaker** al Getty Conservation Institute Los Angeles (USA) in the frame of GSAP (Getty Sismic Adobe Project). Contribution: "Italian regulations for earth building in seismic areas".

- 2012 **Invited speaker** all'Ecole Polytechnique d'Alger for a lecture in the frame of the **Festival Archi'Terre**, Contribution: les idées fausses de l'architecture en terre.
- 2013 **Invited speaker** all'Ecole Polytechnique d'Alger for a lecture in the frame of the **Festival Archi'Terre**, Contribution: L'Architecture en terre en Italie
- 2014 **Invited speaker** at the International Conference "Culture Méditerranée de l'habitat. Des architectures sans architectes au projet de la maison contemporaine" organisé par l'Université Federico II de Naples. Lecture on "Lezioni dal patrimonio vernacolare per un'architettura sostenibile. L'esperienza del progetto VERSUS".
- 2014 **Invited speaker** at the International Conference "Innovative methods for protection and conservation of sustainable design elements of vernacular architecture in the historic center of Nicosia". Contributo: "Thermal behavior of traditional Mediterranean buildings and normative limitations", Nicosia, Cipro.
- 2014 **ICOMOS Key note speaker** at the 2014 International Symposium on the Conservation of Ancient Sites, Dunhuang (Cina)
- 2015 **Invited speaker** at the 2015 meeting "Conservare è tramandare - Tecniche innovative per pavimentazioni antiche e strutture in terra cruda: una sfida ben consolidata" Centro Regionale di Recupero e Restauro di Palermo
- 2015 **Invited speaker** at Ecole Polytechnique d'Alger for a lecture in the frame of the **Festival Archi'Terre**, Contribution: Technologies pour la conservation de l'architecture en terre.
- 2015 **Invited speaker** at Universitat Politècnica de Valencia for the International Seminar "La restauración de la arquitectura de tierra" 12-14 nov 2015 organized in the frame of the International project SOS Tierra.
- 2016 **Invited speaker** at Università di Napoli Federico II al seminario di studi "Approcci integrati per l'analisi e il recupero dei centri storici tra morfologia e costruzione", organized in the frame of METRICS, Napoli 7 Aprile 2016.
- 2016 **Invited speaker** at Escuela Técnica Superior de Arquitectura de la Universidad Politécnica de Madrid Centro de Investigación de Arquitectura Tradicional (CIAT) II International Seminar "La protección y la Restauración del Patrimonio Construido con Tierra. Experiencias y oportunidades" 20-22 Abril 2016 organized in the frame of the International Project SOS Tierra.
- 2019 **Invited speaker** at the International Conference ICOMOS-CIAV & ISCEAH 2019 Joint Annual Meeting & International Conference on "Vernacular & Earthen Architecture towards Local Development, held in Pingyao (Cina) 6-8 September 2019.
- 2021 **Invited speaker** at the International 'Earthen and wood vernacular heritage and climate change' conference held in Lund (Sweden) on 27-30 August 2021.

- 2022 **Invited speaker and session moderator** at the International conference “Heritage 2022” held in Valencia (Spain) on 14-16 September 2022.
- 2022 **Invited speaker** at the International Seminar “Earthen architecture design and construction sustainability practice” held in Lund (Sweden) on 20-21 June 2022.
- 2022 **Invited speaker** at the International Seminar “Earthen architecture Seminar” held in Riyadh (Saudi Arabia) on 6-8 December 2022.
- 2023 **Invited speaker** at the International Seminar “VERSUS+ Heritage for people” held in Formentera (Spain) on 28-29 March 2023.
- 2024 **Invited practitioner** at the seminar Clay matter(s) organized by RISD - Rhode Island School of Design (USA) on 6-12 April 2024.
- 2025 **Open lecture** at the Getty Research Center “The Ninmakh Temple in Babylon: Conservation Challenges and Insights from Five Years of Restoration Work”, 28 October 2025
- 2025 **Invited speaker** at the Giornata di Studi dedicata a Eugenio Galdieri, organized in Rome by ISMEO-Associazione Internazionale di Studi sul Mediterraneo e l’Oriente on 11 December 2025.

SCIENTIFIC COMMITTEES

- Since 1996 Member of the technical committee and scientific consultant of the International Association of Earthen Cities (Italy), an association of which about 45 Italian municipalities in the regions of Sardinia, Abruzzo, Marche, Piedmont and Basilicata are members.
- Since 2009 Member of the technical-scientific committee of the Fundação Convento de Ourada (Portugal), funding institution of the Escola de Arquitectura Gallacia of Vila Nova de Cerveira (Portugal).
- Since 2009 Member of the scientific committee of the research group Mediterra - Mediterranean earthen architecture which includes 24 representatives of as many institutes from 12 countries (Italy, France, Portugal, Spain, Cyprus, Greece, Turkey, Egypt, Morocco, Tunisia, Bosnia-Herzegovina, Slovenia) .
- 2011 Member of the scientific committee of the ResTapia International Conference held in Valencia (Spain) in May 2012.
- Since 2012 Honorary member of the organizing committee of the Archi'Terre Festival, promoted annually by the Ministry of Culture of Algeria.
- 2012 Member of the scientific committee of the 2012 Terra World Conference "11th International Conference on the Study and Conservation of Earthen Architecture Heritage" held in Lima (Peru) in April 2012.
- 2013 Member of the Scientific Committee of the ICOMOS CIAV International Conference (ICOMOS Scientific Committee on vernacular architecture) - VERSUS held in Vila Nova de Cerveira (Portugal).

2013	Member of the Organizing Committee of the Terra Earth Conference 2016 12th International Conference on the Study and Conservation of Earthen Architecture Heritage, held in Lyon (France) in July 2016.
2013-2016	Member of the Scientific Committee of the FOSTERinMed European Project, financed with EU funds - ENPI CBC MED call.
2014	Member of the scientific committee of the International Conference "VERSUS - II MEDITERRA, II RESTAPIA" held in Valencia (Spain).
2014	Member of the Scientific Committee of the International Conference "Traditional Western Mediterranean Architecture" held in Mértola (Portugal) in 2015
2015	Appointed by the European Community as expert member of the Panel of European Capitals of Culture.
2016	Member of the scientific committee of the Terra Earth Conference 2016 12th International Conference on the Study and Conservation of Earthen Architecture Heritage, held in Lyon (France) in July 2016.
2019	Member of the scientific committee of ICOMOS - CIAV & ISCEAH 2019 International Conference on Vernacular & Earthen Architecture towards Local Development, held in Pingyao (China) 5-8 September 2019.
2021	Member of the scientific committee of the Terra 2022 World Congress on the conservation of earthen architectural heritage, held in Santa Fe (USA) on 7-9 June 2022.
2023	Member of the Steering Committee of the conference Nile's Earth, held in Grenoble (France) on 7-9 July 2023.
2024	Member of the Steering Committee of the Colloque International "Architecture du passé, inspiration pour le future", Paris (France) 18-20 september 2024.
2024	Member of the Steering Committee of the conference "Africa 24", held in Mombasa (Kenya) on 21-24 November 2024.
2025	Member of the Scientific Committee of the conference "Heritage 2025", held in Valencia (Spain) on 11-14 September 2025.
2021-ongoing	Member of the scientific committee of the Terra 2025 World Congress on the conservation of earthen architectural heritage, to be held in Al Ain (UAE) in 2026.
2025-ongoing	Member of the Jury for the Terra Landscape Architecture Award -Terra 2026 (Al Ain, UAE).
2025-ongoing	Member of the Scientific Committee for the Colloque international Tûrab'26: Expériences de la dé-matérialité de la construction en terre" to be held in Sidi Bou Said - Tunis (Tunisia) on 05 - 06 June 2025.

**OTHER
SCIENTIFIC COMMITTEES**

- 2012 Research Member of the Editorial Board of the scientific journal "AR Architecture", UL Faculty of Architecture, Ljubljana, Slovenia.
- 2019 Member of the committee of reviewers for SMC - Magazine "Sustainable Mediterranean Construction. Land Culture, Research and Technology ". University of Naples.

SCIENTIFIC CONSULTING

- 2009 Invited by the UNDP-Amman (Jordan) to draw up a project proposal in Gaza for housing made with emergency materials.
- 2009 Auditor for UNESCO of nominations for the List of World Heritage Sites.
- 2009 Reviewer for WMF - World Monuments Fund for the allocation of funding for the conservation and restoration of monuments.
- 2011 Reviewer for WMF - World Monuments Fund for the allocation of funding for the conservation and restoration of monuments.
- 2013 Reviewer for WMF - World Monuments Fund for the allocation of funding for the conservation and restoration of monuments.
- 2014 Reviewer for WMF - World Monuments Fund for the allocation of funding for the conservation and restoration of monuments.
- 2017 Reviewer for WMF - World Monuments Fund for the allocation of funding for the conservation and restoration of monuments.
- 2021 Reviewer for WMF - World Monuments Fund for the allocation of funding for the conservation and restoration of monuments.

PROFESSIONAL ACTIVITY

- 1997 Construction of the headquarter of the Association S. Andrea (Technical consultant, Municipality Assemini).
- 2006 Restoration of the Church Madonna di Pompei in Viddalba (Italy) (Project and site manager).
- Casa Fenu, Villamassargia (Technical consultant, in collaboration with Arch. I. Garau)
- Casa Corda, Serrenti (Technical consultant in collaboration with Arch. I. Garau)
- Vetrina, Serrenti (technical consultant for the Municipality)
- 2012 Restoration of the Maison Khouddane, Ksar El Maiz, Figuig (MOROCCO) (Project and site manager).
- 2016 Casa Sibello, Villasor (Technical consultant)

2019-20	Study for the master plan for the University Eduardo Mondlane Maputo, , in collaboration with Arch. G.M. Chiri (Mozambique)
2022	Preliminary design of the Sala del Commiato, Technical consultant Municipality of Samassi, in collaboration with Arch. G.M. Chiri
2021 – ongoing	Ninmakh Temple in Babylon (IRAQ) conservation project WMF - World Monuments Fund (Technical consultant, conservation works leader)

ORGANIZATION / COORDINATION OF INTERNATIONAL CONFERENCES

1996	Assemini (CA); “L’architettura in terra. Tradizione e innovazione: esperienze locali, contributi europei”
	1998 Villamassargia-Samassi, (CA); “Abitare la terra” (Curatela Atti)
2000	Quartu Sant’Elena TERRA CRUDA 2000 - Attualità del costruire con la terra
2004	Roma, La costruzione in terra cruda in Italia: verso una normativa nazionale (Curatela Atti)
2006	Marrakech, Marocco, Le case e le città della terra cruda. Conservazione, significato e decoro urbano, intervento di apertura del convegno (Curatela Atti)
2009	MEDITERRA - First Mediterranean Conference on Earthen Architecture - Cagliari, with Getty Conservation Institute, Escola Superior Gallaecia (Portugal), CRATerre-ENSAG (France). With the sustain of UNESCO, ICOMOS-ISCEAH. (Curatela Atti)
2012	Terra 2012 – 11th World conference on the Study and Conservation of Earthen Architectural Heritage, Lima Pontificia Catolica Universidad de Peru (Peru)
2014	CIAV-VERSUS International Conference on Vernacular Architecture - Vila Nova de Cerveira (Portogallo), Escola Superior Gallaecia (Portogallo), CRATerre-ENSAG (France), UPV Valencia. Con il supporto di UNESCO, ICOMOS-ISCEAH.
2016	Terra 2016 – 12th World conference on the Study and Conservation of Earthen Architectural Heritage, Lyon Palis des Congres (Francia)
2019	ICOMOS - CIAV & ISCEAH 2019 International Conference on Vernacular & Earthen Architecture towards Local Development, tenutasi a Pingyao (Cina) 5-8 Settembre 2019.
2024	Africa24. The heritage we want. Promoted by ICOMOS – CIAV, ISCEAH, ICTC, ISCCL, ICICH, ISCES, ISCEAH, OCD-RBA, EPWG, Mombasa Kenya 21-28 November 2024.

SPOKEN LANGUAGES

Italian	Mother tongue
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English	Certificate level C2
German	PNDS certificate
French	Certificate level B2
Spanish	Good understanding and speaking

COMPUTER KNOWLEDGE

Office Pack (Word, Excel, Power Point)
Graphic design (Page Maker, InDesign, Free Hand)
Photo design (Photo Shop)

SCIENTIFIC PUBLICATIONS

MONOGRAPHS

M. Achenza, "Elementi di base per una corretta identificazione delle terre per adobe", ed. CUEC-Cooperativa Universitaria Editori Cagliari, 1996.

M.Achenza, U.Sanna, Manuale tematico della Terra Cruda, ed. Dei, Roma 2009

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