

GENERAL INFORMATION -omissis-

WORK EXPERIENCE

01 March 2025- Present Associate Professor in the scientific disciplinary sector CEAR-08/B - Produzione e gestione dell'ambiente costruito

01 March 2022-28 February 2025 Dipartimento di Ingegneria e Scienze Applicate (DISA), Università di Bergamo, Italia
Tenure-track Assistant Professor (it. Ricercatore RTDB)

09 Jan 2018–08 Jan 2022 Dipartimento di Ingegneria e Scienze Applicate (DISA), Università di Bergamo, Italia
Senior Researcher

Institute of Sustainability in Civil Engineering (INaB), RWTH Aachen University, Aachen (Germany)

http://www.inab.rwth-aachen.de/?page_id=317&lang=en

- **Project manager** and **scientific expert** LIFE MAGIS – MAde Green in Italy Scheme, a voluntary scheme based on the **PEF method** (LIFE18 GIE/IT/000735);
- **Scientific Referent** for research issues concerning the Building sector (principal activities: **EPD certification of italian natural stone** LCA applied at products/buildings/urban districts, Tools and models LCA based e.g. integration of LCA indicators in Building Information Modelling);
- **Responsible** for INaB as tester tool **Level(s)** developed by the European Commission;
- **Teaching** at M.Sc. degree, RWTH Aachen (Assessment Methodologies of Sustainable Building).

1 Dec 2014–30 Nov 2017 **Research fellow (Law n. 240/2010)**

Department of Architectura, University of Bologna, Bologna (Italy)

- **Expert LCA** (mitigations strategies at building and urban scale);
- Component of **Research team** of the project "Smart Cities and Communities - RIGERS - city regeneration: building and smart grids, funded by the MIUR (Ministry of Education, Universities and Research)";
- **Responsible** for the project "ECOwindows- Life Cycle Assessment (LCA) for the quantification of the environmental impact related to the wooden windows" financed by Emilia Romagna Region;
- **Didactic tutor** of the degree course of the Faculty of Architecture "Aldo Rossi" in Cesena- University of Bologna

1 Jul 2008–31 Dec 2012 **Research fellow (Law n. 449/1997 and L. 240/2010)**

Department of Architecture, University of Florence, Florence (Italy)

- **Component of Research team** of the project "ABITARE MEDITERRANEO. An integrated approach of sustainable building management in Mediterranean context: think tanks network sharing an open platform to integrate technological and architectural innovation for low energy building" (funded by the Tuscany Region);
- **Component of Univ. Research team** of the project "Assessment of the energy performance and environmental and social-economic sustainability of the systems and components of the envelope";
- **Responsible** of the research team in the project "Environmental and cost impacts of the new buildings for the Institute for the Environment and Sustainability (IES) and the Institute for Health and Consumer (IHCP) at the European Commission's JRC in Ispra);
- **Component of Univ. Research Group of the project** "Brick Clay, Environment, Human Health and LCA (funded by Association Andil (Italian National Association of Clay Bricks and Roofing Tile), and "LCA Brick: Life Cycle Assessment of the products and systems".

9 Jan 2012–24 Apr 2014 **Held the position of Director and General Manager**

Consortium Poloedilizia.it, Montesilvano (Italy)

Held the position of Director and General Manager of the Consortium Poloedilizia.it (about 70 SMEs), fund manager by Construction Innovation Pole, clustering of independent enterprises (SMEs, LEs and

research bodies, start-up), foreseen by the European Community (2006/C 323/01). Duration of the contract: indefinite

- 5 Apr 2010–31 Dec 2011 **Scientific and Technical support to the Constructions Platform**
ASTER (today ART-ER | Attractiveness Research Territory), Bologna (Italy)
Scientific and Technical support to the Constructions Platform of the Emilia Romagna (E-R) High Technology Network, coordinated by ASTER (Consortium for innovation and technology transfer of Emilia-Romagna. Its partners are the Emilia-Romagna Regional Government, the six Universities and the National Research Centres located in the region (the National Research Council-CNR, the Italian National Agency for New Technologies, Energy and Sustainable Economic Development-ENEA, the National Institute for Nuclear Physics-INFN), the Regional Union of Chambers of Commerce, working in collaboration with regional Business Associations and Innovation Centres).
- 1 Aug 2013–3 Sep 2017 **Technical and Scientific expert Good Environmental Choice Australia**
QualityNet srl, Mestrino (PD) (Italy)
Technical and scientific expertise for environmental label
Provision of technical and scientific expertise to the environmental label GECA- Good Environmental Choice Australia, Australian Ecolabelling, for: furniture of the MOROSO SpA, Fraz. Cavalicco, Tavagnacco (UD) and MDF Italia.
- 19 Aug 2013–19 May 2014 **Coordinator of the Research Group and project developers**
Di Muzio Laterizi S.r.l., Alanno (Italy)
Experimental research "Definition of the Environmental profile and carbon footprint of clay brick products" (funded by the PO FSE (European Social Fund) Abruzzo Region 2007-2013). Highest ranked project among the 500 submitted and 80 selected works.
- 5 Jun 2006–Present **Technical and scientific expertise for Preparation of Tender Specifications and International Design contexts**
Architectural and engineering activities; Construction companies (Italy)
Relevant participation as expert LCA:
- International design contests: "La Casa dei Cittadini – Campidoglio 2"- Rome (2008) and " Housing Sociale International Design Competition of Social Housing 2009/2010- Una comunità per crescere Milano - Via Cenni" (2009);
- public tender CAM-Criteri Ambientali Minimi (Minimum Criteria for Environmental*) of the building materials for participation in a public tender (support for L'Avvenire 1921 s.c.- IT company) (2016);
-public tender launched by Municipality of Bologna, "Refurbishment of Manifattura Tabacchi" (2016).

EDUCATION AND TRAINING

- 10 Jan 2005–31 Dec 2007 **PhD of Technology of Architecture** EQF level 8
Department of Architecture, University of Florence, Firenze (Italy)
Thesis: Natural stone facades systems: integrated environmental assessment. Rated: Excellent
- 7 Oct 1996–31 Dec 2003 **Graduated with honors (110/110 cum laude), Faculty of Architecture** EQF level 7
Faculty of Architecture, University of Florence, Florence (Italy)
Thesis: Relationship between Conception and Built in the Comfort and Listening Comfort Project. The Space of University Building
- 5 Nov 2018–Present **National scientific qualification for Full and Associate Professor** EQF level 8
Ministry of Education, University and Research (Italian Government), Rome (Italy)
National scientific qualification for Full and Associate Professor - sector 08/C1- Design and Technological planning of architecture (from 05/11/2018 to 05/11/2024)

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C1	C1	B2	B2	B2
English	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages - Self-assessment grid](#)

Communication skills Excellent communication skills with companies gained through my experience as Director and General Manager and as scientific and technical support to the University and Emilia Romagna High Technology Network

Organisational / managerial skills - Leadership (responsible as Director for a Consortium with about 70 SMEs);
- Good organisational skills gained as senior researcher of INab, RWTH Aachen University.

Digital skills	DIGITAL SKILLS - SELF-ASSESSMENT GRID				
	Information processing	Communication	Content creation	Safety	Problem-solving
	Proficient user	Proficient user	Basic user	Basic user	Independent user

PUBBLICATONS

MONOGRAFH

- PALUMBO E. (2018), LCA Natural Stone.Strumenti e indicatori per la progettazione sostenibile di involucri litici secondo un approccio Life Cycle, p. 1-306, Firenze: Didapress, ISBN: 978-88-3338-025-4

BOOK CHAPTER

- PALUMBO, E., CORTESI, S., CASTELLANI, V. (2025) End-of-life approach of the PEF method applied to wooden windows: an Italian case study. In Londero Brandli, L., Leal, W., Rudi Pretorius, Francisco Dalla Rosa, Lucas Veiga Avila, (eds) The Contribution of Life Cycle Analyses and Circular Economy to the Sustainable Development Goals, World Sustainability Series, Springer
- PALUMBO, E. (in press), Sviluppo di LCA, banche dati e tool a supporto della progettazione e produzione sostenibile in architettura/LCA databases and tools focused on sustainable design and construction in architecture. In: Losasso, M., Romano, R., Progettazione Ambientale: sfide globali, scenari di ricerca, pp. 234-239, Santarcangelo di Romagna (RN), Maggioli
- PALUMBO, E. (2022) LCA nei Green Building Rating systems DGNB e Level(s). In: Lavagna, M., LCA in edilizia. Ambiti applicativi e orientamenti futuri della metodologia Life Cycle Assessment nel settore delle costruzioni, pp. 173-190, Santarcangelo di Romagna (RN), Maggioli, ISBN: 978-88-916-5580-6
- PALUMBO, E., TRAVERSO, M. (2022). Social Life Cycle Indicators Towards a Sustainability Label of a Natural Stone for Coverings. In: Klos, Z.S., Kalkowska, J., Kasprzak, J. (eds) Towards a Sustainable Future - Life Cycle Management. Springer, Cham. https://doi.org/10.1007/978-3-030-77127-0_19
- PALUMBO, E., PANOZZO, C., CELLURALE, M., RINALDI C. (2024), Studio LCA di filiera delle pietre ornamentali. In: Edilizia e Costruzioni: Studi di Life Cycle Assessment di filiera e sviluppo di dataset per la Banca Dati Italiana LCA del progetto Arcadia. ENEA, pp. 32-39. Arcadia, Roma. ISBN: 978-88-8286-466-8

- Coppola, L., Palumbo, E., Coffetti, D., Panozzo, C., Rapelli, S., Rinaldi, C. (2024), Studio LCA della filiera del calcestruzzo e degli aggregati riciclati. In: Edilizia e Costruzioni: Studi di Life Cycle Assessment di filiera e sviluppo di dataset per la Banca Dati Italiana LCA del progetto Arcadia. ENEA, pp. 12-20. Arcadia, Roma. ISBN: 978-88-8286-466-8.
- PALUMBO E., THIÉBAT F. (2020) Profilo ambientale nel ciclo di vita, in PEPE D., ROSSETTI M., Gli isolanti termici in edilizia, pp. 155-182, Santarcangelo di Romagna (RN), Maggioli Editor spa, ISBN/EAN 8891645180 / 9788891645180
- TRAVERSO M., PALUMBO E., SONETTI G., ELAMIN M. D. E. (2020), The Environmental and Social Impacts of Regenerative Technologies and their Evaluation, edited by LOLLINI R., PASUT W., WG4 booklet Regenerative technologies for the indoor environment Inspirational guidelines for practitioners, COST Action CA16114 RESTORE: REthinking Sustainability Towards a Regenerative Economy RESTORE Working Group Four Report: Regenerative technologies for the indoor environment. ISBN 978-3-9504607-6-6 (Online), ISBN 978-3-9504607-7-3 (Print)
- PALUMBO E., POLITI, S. (2019), Possible Integration Approaches of Life Cycle Assessment in the BIM Environment, Edited by LAURIA M., MUSSINELLI E., TUCCI F., Producing Project: International Conference, 14th-15th June 2018, Maggioli Editore, ISBN 978-88-916-3602-7
- PALUMBO E., TRAVERSO M., (2019), Miglioramento del profilo energetico-ambientale dell'involucro edilizio verticale opaco attraverso l'adozione di componenti con matrice materica da riciclo. Edited by: ARCESE, G., CELLURA, M., CORTESI, S., CUTAIA, L., LUCCHETTI, M.C., MANCUSO, E., & al., Conferenza/Event Il Life Cycle Thinking a supporto delle strategie di mitigazione e adattamento ai cambiamenti climatici: XIII Convegno della Rete Italiana LCA - VIII Convegno dell'Associazione Rete Italiana LCA: Università degli Studi Roma Tre, Dipartimento di Economia Aziendale, 13-14 giugno 2019, pp. 179-185. ISBN978-88-8286-389-0
- LONGO, D., BOERI, A., GIANFRATE, V., PALUMBO, E., BOULANGER, S.O.M. (2018). Resilient Cities: Mitigation Measures for Urban Districts. A Feasibility Study. International Journal of Sustainable Development and Planning, Vol. 13, No. 5, pp. 734–745. WIT Press. ISSN: 1743-7601 (print), ISSN: 1743-761X (online). DOI: 10.2495/SDP-V13-N5-734-745
- PALUMBO, E. (2018). L'approccio LCA nella valutazione degli impatti incorporati nei prodotti edilizi rispetto al bilancio energetico / LCA Approach in Evaluating Embedded Impacts of Building Products within the Energy Balance. In: GASPARI, J. (Ed.), L'involucro edilizio stratificato. Soluzioni per l'efficienza energetica in funzione dell'aggiornamento normativo, pp. 143–179. Monfalcone (GO): Edicom Edizioni. ISBN: 978-88-96386-68-2
- LAVAGNA M., PALUMBO E. (2017), Obiettivi, metodi e strumenti operative per la valutazione della sostenibilità ambientale. In: ANTONINI E., TUCCI F. (a cura di), Architettura, Città e Territorio verso La Green Economy Architecture, City, Territory: Towards a Green Economy. p. 152---163, Milano: Edizioni Ambiente, ISBN: 978-88- 6627-216-8
- PALUMBO E. (2017), Valutazione ambientale nel ciclo di vita dell'ambiente costruito in un'ottica di economia circolare. In: Antonello Monsù Scolaro, Progettare con l'esistente. Riuso di edifici, componenti e materiali per un processo edilizio circolare. Ricerche di Tecnologia dell'architettura, p. 210---221, Milano: FrancoAngeli, ISBN: 978-88-6627-216-8
- BOERI A., GIANFRATE V., LONGO D., PALUMBO E. (2015), Transition to sustainable city: an integrated design approach for transformative districts - a proposal for replicability. In: C.A. Brebbia; W.F. Florez-Escobar (a cura di), The Sustainable City X, p. 289-300, Southampton, UK: Wit press, ISBN: 978-1-84564-942-5, doi: 10.2495/SC150261
- GARGARI C., PALUMBO E., TORRICELLI M.C. (2013). Profilo Ambientale della pietra serena di Firenzuola: processo produttivo e nuovi impieghi. In: Scalbi S., Reale F. (a cura di), *Life Cycle Assessment e ottimizzazione ambientale: esempi applicativi e sviluppi metodologici* - ENEA - Agenzia per le Nuove tecnologie l'Energia e lo sviluppo economico sostenibile Roma (ITA) -n. volume - pp. da 163 a 169, ISBN: 9788882862923 [Atto di Convegno (in Volume) - Relazione in Volume di Atti di Convegno]
- TORRICELLI M.C., PALUMBO E. (2010), Profilo ambientale di materiali e prodotti lapidei nel ciclo di vita, in Garzonio C.A., Montanari F., Torricelli M.C., (a cura di) Pietra serena Qualità del prodotto e sostenibilità ambientale, Libria, Melfi, pp.16--61, ISBN: 9788896067529
- TORRICELLI M. C., PIFERI C., PALUMBO E. (2008), Qualità e impieghi della pietra serena. In: Bartolomei A., Montanari F. (a cura di), "Pietra serena. Materia della città", Firenze, Aida
- GARGARI C., PALUMBO E. (2008), Le strategie operative per la valutazione di impatto ambientale dei prodotti da costruzione. In: (a cura di): NERI P, Verso la valutazione ambientale degli edifici. Life Cycle Assessment a supporto della progettazione eco---sostenibile. p. 123--137, FIRENZE: Alinea Editrice, ISBN: 978---88---6055---174---0
- PALUMBO E. (2008), Sistemi per il controllo dell'innovazione di materiali e prodotti litici per rivestimenti di facciate--- per un'innovazione sostenibile, in: GINELLI E. (a cura di), La ricerca a fronte della sfida ambientale. Materiali del III Seminario OSDOTTA, Firenze University Press, ISBN 978---88---8453---762---1
- PALUMBO E. (2006), Tecnologie della costruzione dell'architettura. In: ESPOSITO M.A. (a cura di), Tecnologia dell'architettura: creatività e innovazione nella ricerca. Materiali del I Seminario OSDOTTA, Firenze: University Press (ITALY), pp. 95---101, ISBN---10 88---8453---479---8 (online), ISBN---10 88---8453---480---1 (print).

PEER-REVIEWED ARTICLES

- MARINELLO JORBA, V., PALUMBO, E., DEL ROSARIO, P.; TRAVERSO, M. (2024). Interpreting environmental impacts of wooden windows based on existing EPDs: An application in Italy. Energy and Buildings, Volume 294, Article 114987. DOI: 10.1016/j.enbuild.2024.114987
- PALUMBO, E., ROMANO, R. AND GALLO, P. (2024). Life cycle thinking strategies for constructing nZEB schools. AGATHÓN | International Journal of Architecture, Art and Design, 15, pp. 252–265. doi: 10.19229/2464-9309/15202024

- SOUST-VERDAGUER, B., PALUMBO, E., LLATAS, C., FERNÁNDEZ GÁLVEZ, M.D., GUTIÉRREZ MORENO, J.A., & CAGIGAS MUÑOZ, D. (2023). The Use of Environmental Product Declarations of Construction Products as a Data Source to Conduct a Building Life-Cycle Assessment in Spain. *Sustainability*, 15(2), 1284. <https://doi.org/10.3390/su15021284>
- MUTERI, V., LONGO, S., TRAVERSO, M., PALUMBO, E., BUA, L., CELLURA, M., TESTA, D., & GUARINO, F. (2023). Life Cycle Assessment of Luminescent Solar Concentrators Integrated into a Smart Window. *Energies*, 16(4), 1869. <https://doi.org/10.3390/en16041869>
- FICO, D., RIZZO, D., DE CAROLIS, V., MONTAGNA, F., PALUMBO, E., & ESPOSITO CORCIONE, C. (2024). Development and characterization of sustainable PLA/Olive wood waste composites for rehabilitation applications using Fused Filament Fabrication (FFF). *Journal of Cleaner Production*, 394, 137199. <https://doi.org/10.1016/j.jclepro.2023.137199>
- LLATAS, C., SOUST-VERDAGUER, B., HOLLBERG, A., PALUMBO, E., & QUIÑONES RODRÍGUEZ, M.R. (2022). BIM-based LCSA application in early design stages using IFC. *Automation in Construction*, 138, 104259. <https://doi.org/10.1016/j.autcon.2022.104259>.
- PASSONI, C., PALUMBO, E., PINHO, R., & MARINI, A. (2022). The LCT Challenge: Defining New Design Objectives to Increase the Sustainability of Building Retrofit Interventions. *Sustainability*, 14(14), 8860. <https://doi.org/10.3390/su14148860>.
- PALUMBO E. (2021), Effect of LCA Data Sources on GBRS Reference Values: The Envelope of an Italian Passive House, *Energies*, 14(7), 1883; <https://doi.org/10.3390/en14071883>.
- SILVESTRI L., PALUMBO E., TRAVERSO M., FORCINA A. (2021), A comparative LCA as a tool for evaluating existing best available techniques (BATs) in facing brick manufacturing and more eco-sustainable coating solutions, *The International Journal of Life Cycle Assessment*, Issue 4/2021, pp. 673-691, DOI: 10.1007/s11367-021-01877-2.
- PALUMBO E., ROSSI-SCHWARZENBECK M., BLOCK M., TRAVERSO M., (2021), Urban Retrofit of the Leipzig-Grünau District: A Screening LCA to Measure Mitigation Strategies, *TECHNE SPECIAL ISSUE 2 | Journal of Technology for Architecture and Environment*.
- PALUMBO E., SOUST-VERDAGUER B., LLATAS C., TRAVERSO M. (2020), How to Obtain Accurate Environmental Impacts at Early Design Stages in BIM When Using Environmental Product Declaration. A Method to Support Decision-Making, *Special Issue Integration of LCA and BIM for Sustainable Construction*, *Sustainability*, MDPI Editor, ISSN 2071-1050.
- D'AMICO A., CIULLA G., TRAVERSO M., LO BRANO V., PALUMBO E. (2019), Artificial Neural Networks to assess energy and environmental performance of buildings: An Italian case study. *JOURNAL OF CLEANER PRODUCTION*, vol. 239, pp. 1-21, <https://doi.org/10.1016/j.jclepro.2019.117993>
- ESPOSITO CORCIONE C., PALUMBO E., MASCIULLO A., MONTAGNA F., TORRICELLI M.C. (2018), Fused Deposition Modeling (FDM): An innovative technique aimed at reusing Lecce stone waste for industrial design and building applications. *CONSTRUCTION AND BUILDING MATERIALS*, vol. 158, p. 276-284, ISSN: 0950-0618, doi:10.1016/j.conbuildmat.2017.10.011
- PALUMBO E., POLITI S. (2018), Efficientamento dell'involucro edilizio: interazione tra energia inglobata ed energia operativa, *TECHNE* 16 vol. 16 - Materia è Progetto, p. 247-257, ISSN online: 2239-0243, DOI: 10.13128/Techne-23039
- MARCHI L., PALUMBO E., LOMBARDI A., ANTONINI E. (2017), Ina-Casa La Fiorita. Un protocollo per la riqualificazione condivisa dell'edilizia sociale / Ina-Casa La Fiorita. A system for the shared regeneration of social housing. *TECHNE*, vol. 14, p. 261-271, ISSN: 2239-0243, doi:10.13128/Techne-20786
- PALUMBO E. (2015), Misurare la sostenibilità degli edifici: il valore della LCA. Boeri A. (a cura di), *Efficienza energetica e tecnologie sostenibili*, L'UFFICIO TECNICO, p. 25---29, Maggioli Editore, ISSN: 0394---8293
- PALUMBO E., CIANCIOTTA S. (2012), Edilizia Sostenibile, *Il Contributo dei Poli di Innovazione. PAESAGGIO URBANO*, pp.79---83, ISSN:1120---3544
- GARGARI C., INNOCENTI E., PALUMBO E. (2012), Il profilo ambientale delle coperture in laterizio, *COSTRUIRE IN LATERIZIO*, n.138, pp. 46---51
- PALUMBO E., GARGARI C. (2012), Progettare la durabilità: confronto tra soluzioni in laterizio e in legno, *COSTRUIRE IN LATERIZIO*, pp. 60---64
- PALUMBO E. (2012), Aspetti energetici nella Residenza 18eme a Parigi, *COSTRUIRE IN LATERIZIO*, n. 127, p. 46--- 49
- BAGNOLI T., PALUMBO E. (2011), La ricerca e l'innovazione verso la sostenibilità e il recupero. *Research and innovation towards Sustainability and Building recovery. PAESAGGIO URBANO*, ISSN: 1120---3544
- TORRICELLI M. C., GARGARI C., PALUMBO E. (2010), Valutazione di soluzioni tecniche ad alte prestazioni ambientali, in *COSTRUIRE IN LATERIZIO*, n. 136, pp. 48-53.
- TORRICELLI M. C., GARGARI C., PALUMBO E. (2010), Ecolabel per gli edifici del Mediterraneo, in *COSTRUIRE IN LATERIZIO*, n. 133, pp. 60-65.
- PALUMBO E. (2009), LCA dei solai in laterocemento. *COSTRUIRE IN LATERIZIO*, n. 127, p. 48-55, ISSN: 0394-1590
- TORRICELLI M.C., PALUMBO E. (2008), Soluzioni tecniche in laterizio per progettare nel ciclo di vita. *COSTRUIRE IN LATERIZIO*, vol. n. 125, p.61-69, ISSN: 0394-1590.
- PALUMBO E., DE CRISTOFARO, L. (2008), Centro universitario per l'edilizia ecologica a Kassel (Germania). *COSTRUIRE IN LATERIZIO*, Settembre-Ottobre 2008, n. 125, p. 28-31.
- PALUMBO E., BUSA L. (2008), Confronto tra le prestazioni acustiche e termiche di alcune tipologie di parete utilizzate nel contesto costruttivo italiano. *COSTRUIRE*, n. 296, Gennaio 2008.
- TORRICELLI M. C., PALUMBO E., DE CRISTOFARO, L. (2007), Ciclo di vita di edifici in laterizio: analisi integrata ambiente, energia e costi. *COSTRUIRE IN LATERIZIO*, Luglio-Agosto 2007, n. 118, p. 54-61.
- TORRICELLI M.C., GARGARI C., PALUMBO E. (2007), Valutazione ambientale nel ciclo di vita. *COSTRUIRE IN LATERIZIO*, n. 116, p. 158-166.
- PALUMBO E. (2006), Ostello della gioventù in Svizzera. *COSTRUIRE IN LATERIZIO*, Marzo- Aprile 2006, n. 110, pp. 38-43.

- PALUMBO E. (2006), Costo "globale" di soluzioni tecniche di involucro. COSTRUIRE IN LATERIZIO, Gennaio-Febbraio 2006, n. 109.

PROCEEDINGS

- SOUST-VERDAGUER, B., CASTRO, L., FERNÁNDEZ GÁLVEZ, M.D., GUTIÉRREZ MORENO, J.A., CAGIGAS MUÑOZ, D., PALUMBO, E. Y LLATAS, C. (2024). Measuring the correlation between carbon embodied emissions, economic and social impacts of building elements in Spain. IOP Conf. Ser.: Earth Environ. Sci. Volume 1363, World Sustainable Built Environment 2024 (WSBE24). DOI 10.1088/1755-1315/1363/1/012018
- PALUMBO, E., ROMAGNOLI, F., SOUST-VERDAGUER, B., & BRUMANA, G. (2024). Incorporating Life Cycle Assessment in the Green Metric Ranking: A Conceptual Approach. CONECT. International Scientific Conference of Environmental and Climate Technologies, Riga Technical University. <https://doi.org/10.7250/CONNECT.2024.033>
- COFFETTI, D., PALUMBO, E., RAPELLI, S., CROTTI, E., COPPOLA, L. (2024). Valutazione della filiera del calcestruzzo preconfezionato italiano basata su LCA 'dalla culla al cancello', Atti del 7° Workshop sui nuovi confini del calcestruzzo strutturale 2024, Roma, Italia, 19-20 settembre 2024, pp. 135-142
- GUALDI, M., BELLERI, A., PALUMBO, E. (2024), Riuso di pannelli in acciaio formato a freddo per la riqualificazione integrata di edifici esistenti e per nuove costruzioni. In: Atti di Reuso 2024 – Documentazione, restauro e rigenerazione sostenibile del patrimonio costruito, pp. 1437- 1445. Publica Press, Bergamo
- PALUMBO, E., CELLULARE, MARILISA; PANOZZO, CHIARA; RINALDI, CATERINA (2023). Verso la definizione di uno strumento LCA-based a supporto del GPP in edilizia: sviluppo di dataset nazionali per la filiera delle pietre ornamentali, Atti del XVII Convegno dell'Associazione Rete Italiana LCA- 30 anni di Life Cycle Assessment sviluppi metodologici e applicativi, Milano
- GATTULLI, V., PALUMBO, E., VANNINI, C. (2023). INTEGRATED Design Approach to Build a Safe and Sustainable Dual Intended Use Center in Praslin Island, Seychelles. In: Arbizzani, E., et al. Technological Imagination in the Green and Digital Transition. CONF.ITECH 2022. The Urban Book Series. Springer, Cham. https://doi.org/10.1007/978-3-031-29515-7_47
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Memberships:

- Reviewer of International scientific Journals;
- Enlisted in the Register of Architects, Planners, Landscapers and Conservationists of the Province of Bergamo (from 2005 Qualified as architect).
- Co-coordinator of the Construction Working Group of the Italian Life Cycle Assessment Network (Rete Italiana LCA), since June 2024
- Member of the working group, section Building and Construction, of Rete Italiana Life Cycle Assessment (Italian LCA Network) (from June 2006);
- Member of Technical Committee (Technical Advisory Group-TAG on auditing of the revision of Australian standard Good Environmental Choice Australia (GECA) - section "Furniture Fittings & Foam" (from 2013 to 2017) and Scientific Technical Committee- Section Materials and Resources for the LEED rating system, Green Building Council Italy (from 2008 to 2014);
- Member of SITdA- Italian Society of Technology of Architecture (from June 2013).

Signature