

CURRICULUM VITAE ABREVIADO (CVA)

Part A. PERSONAL INFORMATION

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|--|--------------|---------------------|--|
| First name | Elisa | | |
| Family name | Valero Ramos | | |
| Gender (*) | Female | Birth date | |
| Social Security, Passport, ID number | | | |
| e-mail | | URL Web | |
| Open Researcher and Contributor ID (ORCID) (*) | | 0000-0002-9438-058X | |

A.1. Current position

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|-------------------|---|----------------|-----------|
| Position | University full profesor | | |
| Initial date | 16-08-2012 | | |
| Institution | University of Granada | | |
| Department/Center | Expresión Grafica Arquitectónica y en la Ingeniería | | |
| Country | Spain | Teleph. number | 958223873 |
| Key words | Architecture, FRC, Precast Concrete, Building, Sustainability | | |

A.2. Education

| PhD, Licensed, Graduate | University/Country | Year |
|--|---------------------------------|------|
| Architect | University of Valladolid/ Spain | 1996 |
| Master in Architectural Restoration | University of Valladolid /Spain | 1997 |
| PhD. Architect | University of Granada /Spain | 2000 |

A.3. Research

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|---------------------|--------------------------------------|----|
| Sexenios | | 5 |
| | Research | 4 |
| | Transference | 1 |
| PhD Theses directed | | 16 |
| | National or international PHD awards | 5 |

Part B. CV SUMMARY

Embracing the foundational understanding of architecture as a tool for solving human problems, I am convinced of the importance of advancing knowledge, via research. In this moment of environmental crisis and globalization, a radical change in our approach is needed and we must tirelessly seek it. There is an urgent need to develop means of construction which consume less energy and require fewer raw materials, as well as improving their energy efficiency.

Founder and Director of the research group **RNM-909 Efficient Housing and Urban Recycling** since its creation in 2011. The group's target is to develop ideas and strategies allowing facing the project in a new way, breaking inertias that have been produced the current situation, to build a better future. We foster an architecture that gives priority to the economy of expressive resources searching a constructive sincerity that moves away from any additive. Constructive sincerity is synonymous with economy of means and resources and, in addition, of affordability for all social levels. My current investigation focus on reducing material and energy consumption, noticed as an economic advantage, but also, as a global ethical requirement.



Visiting researcher Professor. Department of Architecture Institute of Technology in Architecture / Swiss federal Institute of Technology Zurich 2022.

Invited Professor: Accademia di Architettura dell'Università della Svizzera Italiana. (2019-2022), FAUP Faculdade de Arquitectura da Universidad do Porto, Porto, Portugal (2022) EPFL-École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland (2021) UDK Berlin University of the Arts, Berlin, Germany (2019) (2021); AA London, London, United Kingdom (2014, 2017); London South Bank University, London, United Kingdom (2014)(2015); Escola da Cidade Sao Paulo, Brazil (2012); School of Architecture "Aldo Rossi", Cesena, Italy (2010); Ecole d'Architecture de Paris-Belleville, Paris, France (2009); Technische Universität Berlin, Institut für Architektur Berlin, Germany, (2008); Royal Danish Academy of Fine Arts School of Architecture de Copenhagen, Denmark (2007) University IUAV of Venice, Venice, Italy (2004); BTU Architecture School, Cottbus, Germany (2003); Facoltà di Architettura di Roma Tre, Rome, Italy (2002); Faculty of Architecture of the National Autonomous University of Mexico (2002) (1996)

My work has received awards in Switzerland, France, Italy and Spain, and recognized with monographs in books and publications.

I have got five *sexenios* (four of research and one of transfer of Knowledge)

International Architectural and research Awards received:

-Andalucia Prize of Architecture 2022 construction and innovation, Consejería de Fomento, Infraestructuras y ordenación del territorio. Junta de Andalucía 2022

-Winner of the sixth edition of the SWISS ARCHITECTURE AWARD 2017/2018. (<https://swissarchitecturalaward.com/en/>) The Swiss Architectural Award is promoted by the Swiss Architectural Foundation in association with Università della Svizzera italiana–Accademia di architettura, Mendrisio. The award is aimed at recognizing and spotlighting architects from all over the world that, through their own work, have made a significant contribution to contemporary architecture by showing a peculiar **sensitivity to the environment**.

-Selected in the BIGMAT'21 International Architecture Award 2021.

Rehabilitation of the San Fernando school and new sports pavilion. Granada. 2021

-Special Mention, INTERNATIONAL PRIZE: “FEMMES ARCHITECTES 2019”. ARVHA (Association pour la Recherche sur la Ville et l'Habitat. Francia)

- Finalist in the XV Biennial of Spanish Architecture. Research exhibition

Prototype of prefabricated pavilions in FRC for the port of Motril. Spanish Government through the Ministry of Transport, Mobility and Urban Agenda, 2021

- Selected in FAD Architecture Awards 2021 Prefabricated pavilions in FRC of freight forwarders for the port of Motril, 2021

-Mention in the Architecture category at the ASCER Ceramics Awards 2019, Patio de los valientes and new parents' ward. Virgen del Rocío Hospital. Sevilla.

-Honorable mention at the ARCVISION PRIZE 2016, Milan 2016, for career and research path.

-Three times finalist at the BIENNALE OF SPANISH ARCHITECTURE in the last ten years: XV (2021) XIV (2018), XI (2011) BIENNALE OF SPANISH ARCHITECTURE, Spanish Government through the Ministry of Transport, Mobility and Urban Agenda.

-Her research on concrete building for 20 years has been recognized in **Concrete work. Elisa Valero 1996/2016**. Itinerant exhibition started in San Sebastian Rezola Museum on the occasion of MUGAK Biennial.

-First prize “Abitare il Mediterraneo” Third edition, UMAR (Mediterranean Architects Unions), 2011.

International Architectural Competitions prizes:

1st Prize “Competition for lighting the Nazaries Palaces”, Alhambra Granada, 2021

3rd Prize “ International competition in two stages Valorizzazione e restauro del Castello di Locarno”, Municipality of Locarno, 2021

5th Prize “ International competition in two stages Ex Macello di Lugano”, with DJ Architettura, Municipality of Lugano, 2020

3rd Prize "Concurso de ideas para la adecuación del espacio público del entorno del castillo y plaza del ayuntamiento" Aledo, 2011

Part C. RELEVANT MERITS (sorted by typology)

C.1. Publications

Books

- Valero Ramos, Elisa. **La Théorie du diamant et le projet d'architecture**. Ed: Cosa Mentale, Paris, Francia, 2021, ISBN: 978-2-491039-10-3. Language: French
- Valero Ramos, Elisa. **La Teoria del diamante e il progetto di architettura**. Ed: LetteraVentidue, Siracusa, Italia, 2021, ISBN: 978-88-6242-533-9. Language: Italian
- Valero Ramos, Elisa. **La teoría del diamante y el proyecto de arquitectura**. Ed: Abada S.L., Madrid. 2021. ISBN: 978-84-17301-93-4
- Valero Ramos, Elisa. **Elisa Valero Ramos, I maestri dell'architettura**. Ed: Colector's. Hachette. 2020. ISSN: 2610-8542
- Valero Ramos, Elisa. **La materia intangible, la luz en el proyecto de arquitectura**. Ed: TC Cuadernos. Valencia. 2019. ISBN: 978-84-17753-07-8. This book has been a best seller with 3 editions. It is considered as a reference of Natural architectural lighting books.
- Valero Ramos, Elisa. **Housing**. Ed: Libria. Melfi (Italia). 2018. ISBN: 978 88 6764 129 1.
- Valero Ramos, Elisa. **Light in Architecture, the Intangible Material**. RIBA publishing. London 2015, ISBN: 978 1 85946 596 7. Prolonged by professor Joseph Rykwert (Golden Medal RIBA 2015).
- Valero Ramos, Elisa. **Glosario de Reciclaje Urbano**. Management and edition: Elisa Valero. General de Ediciones de Arquitectura. Memorias culturales. Valencia. 2014. ISBN: 978-84-939845-6-4.
- García Vázquez, Carlos y Valero Ramos, Elisa. **Intervención en barriadas residenciales obsoletas. Manual de buenas prácticas**. Coordinated with Carlos García Vázquez. Abada Editores S.L. Madrid. 2016. ISBN: 978-84-16160-67-9.

Papers

- Elisa Valero Ramos, Juana Sánchez Gómez, Diego Jimenez López, Aurora Montalbán, Albert de la Fuente, "Polypropylene Fibre Reinforced Concrete for the Structural Panels of the Pavillions of the Motril Port (Spain)", in **Fibre Reinforced Concrete: Improvements and Innovations II**, pp.771-779, January 2022, ISSN 2211-0844
- de Molina Benavides Lucía y Valero Ramos, Elisa. **DeArq nº31** "La vivienda colaborativa en la era digital como proceso sostenible" Pp. 21-31, Colombia, ISSN-e 2215-969X.
- Hurtado Campaña, Cristina y Valero Ramos, Elisa. **Compás d'amalgama nº2** "La construcción del espacio a través de la sombra en la arquitectura japonesa" Pp. 24, 2020, Barcelona, ISSN: 2696-1008
- de Molina Benavides Lucía y Valero Ramos, Elisa. **Rita_Redfundamentos nº 14** "Habitar en la era digital. Modelos colaborativos y su respuesta en tiempos de crisis" Pp. 94-101, Madrid, November 2020, ISSN 2340-9711 / e-ISSN 2386-7027
- Castillo Hispan, Sergio y Valero Ramos, Elisa. **Informes de la construcción, vol 68, nº541 enero-marzo 2016** "La arquitectura escolar de José María García de Paredes en Granada. Un prototipo, tres escuelas." Article with ref: IC-15-133. Instituto de Ciencias de la Construcción. Eduardo Torroja (IETcc-CSIC) ISSN: 0020-0883

C.2. Congress

- ISVIS 2021, **I Congreso sobre Innovación y Sostenibilidad en la Vivienda social**. Valero Ramos, Elisa. November 10,11 and 12, 2021 Granada. Invited conference
- RILEM-fib X Intentional Symposium on fibre-reinforced concrete BEFIB2021, Valero Ramos, Elisa. **Polypropylene Fibre Reinforced Concrete For The Structural Panels Of The Pavillions Of The Motril Port, Spain**. Held at the Universitat Politècnica de València from September 20th to 22nd 2021 in Valencia (Spain). Oral presentation
- "Agua y diamantes". Valero Ramos, Elisa. **Convegno internazionale: Didattica dell'architettura e professione**. Accademia Nazionale di San Luca. Roma. June 4th, 2019. Oral presentation
- "Reciclaje Urbano y Vivienda Eficiente". Valero Ramos, Elisa. **IV jornada Rehabilitación energética y sostenible de Asturias**, Palacio de exposiciones y congresos de Oviedo. Oviedo, November 17th, 2016. Oral presentation
- "Reciclaje de barriadas, hacia una nueva cultura del habitar". Valero Ramos, Elisa. **I Jornadas sobre interculturalidad y paz a través de la arquitectura**. Held at Edificio de Documentación Científica. Granada, May 12 y 13th, 2015. Oral presentation

-“Cor Cordis, hacia una nueva cultura de habitar”. Valero Ramos, Elisa. **ArquitectAs. 1er Congreso de Investigación en Arquitectura y Género**, ETSA. Sevilla, Universidad de Sevilla March 20-21th, 2014. Oral presentation

-“Arquitectura para la infancia en el entorno hospitalario”. **International Workshop Architecture, Education and Society**. Escuela Técnica Superior de Arquitectura de Barcelona. Barcelona, May, 23-25th, 2012. Oral Presentation

C.3. Research projects

-Ref.: PID2022-139020OB-I00. **Title: B-FREE Building With Fibre Reinforced Environmentally Efficient Concrete Structures. Proyectos de Generación de Conocimiento 2022.** Head researcher: Elisa Valero. Financing entity: Agencia Estatal de Investigación (AEI). Financing received: 131.500,00 €. Project status: in progress

-Ref.: B-RNM-498-UGR20. **Title: Preport: Structural And Modular Precast Concrete System For Port Constructions. Proyectos de I+D+i Programa Operativo, FEDER Andalucía. 2020.** Head researcher: Elisa Valero. Project status: completed

-Ref.: PID2019/108978RB-C32. **Title: “Fluencia y fatiga en elementos estructurales de hormigón reforzado con fibras”.** Researcher: Elisa Valero. Project status: completed

-Ref: G-GI3001/IDIH. **Title: Intervención en barriadas residenciales obsoletas. Manual de Buenas Prácticas.** Researcher: Elisa Valero. IP: Carlos García. Financing entity: Consejería de Fomento y Vivienda (Junta de Andalucía) y European Union (FEDER funding). Duration: 01/01/2014 - 3/06/2015. Financing received: 221.642 €. Project status: completed

C.4. Contracts, technological or transfer merits

-Ref: CONTR 2023/458376 del Programa de Regeneración del Espacio Público Urbano en la Comunidad Autónoma de Andalucía. “Trabajo De Estudio Sobre Pavimentos Drenantes Sostenibles En El Marco Del Programa De Estudio E Investigación Del Programa De Regeneración Del Espacio Público Urbano”. Financing:17.908,00 €. Completed

- Ref: Ayuntamiento de San Fernando OTRI Exp. SCMSer 400/2022 **Title: Modificado de proyecto básico y ejecución de edificio destinado a actividades náuticas en el puerto de gallineras en San Fernando, mejoras en el sistema constructivo con la aplicación de prefabricados de hormigón.** Completed

-Ref: Company foundation UGR, 4355. **Title: Estudio y elaboración del plan especial del puerto de Motril.** Main researcher: Elisa Valero Ramos. Financing entity: Autoridad Portuaria de Motril. Duration: 01/04/2017 - 01/04/2018. Financing:21.650.€.Completed

-Ref: SCMSer 151/2017. **Title: Redacción del proyecto básico y de ejecución de edificio destinado a actividades náuticas en el Puerto de Gallineras en San Fernando.** Main researcher: Elisa Valero Ramos. Financing entity: Ayuntamiento de San Fernando (Cádiz) Duration: 025/05/2017 - 10/07/2017. Financing:13.902,90€.Completed

-Ref: Fundación UGR Empresa, 4257. **Title: Modificación y ejecución de proyecto de la consolidación de la nave anexa al convento de Santo Domingo, Huéscar. Granada.** Main researcher: Elisa Valero Ramos. Financing entity: Ayuntamiento de Huéscar.Duration:2015.Financing:10.135,80€.Completed

-Ref: Fundación UGR Empresa, 4104. **Title: Proyecto básico y de ejecución del Área Neonatal en planta 2ª del Nuevo Hospital Materno Infantil.** Main researcher: Elisa Valero Ramos. Financing entity: Complejo Hospitalario de Granada.2015.Financing:8.500€.

-Ref: Fundación UGR Empresa, 4059. **Title: Investigación en arquitectura hospitalaria para niños.** Main researcher: Elisa Valero Ramos. FundaciónAladina.Duration:2014.

-Ref: Fundación UGR Empresa, 3926. **Title: Proyecto de investigación y ejecución de 8 viviendas experimentales en el Huerto de San Cecilio.** Main researcher: Elisa Valero Ramos. Financing entity: Huerto de San Cecilio S. Coop. And. Duration: 2014. Completed

-Ref: Fundación UGR Empresa, 3834. **Title: Reciclaje y modernización de arquitectura escolar.** Main researcher: Elisa Valero Ramos. Financing entity: Fundación Pía Autónoma Patronato Escolar Diocesano San Juan de Ávila. Duration: 2013. Completed