

JUAN ÁLVAREZ-VIJANDE LANDECHO

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Systems-thinking architect specializing in climate-responsive design and urban adaptations. Blending expertise in building science, ecological systems, and public innovation to translate environmental qualities into actionable spatial strategies. Currently leveraging multidisciplinary skills in consulting roles focused on resilient urban environments and high-comfort, low-impact design solutions.

PROFESSIONAL EXPERIENCE

THE SALATA INSTITUTE FOR CLIMATE AND SUSTAINABILITY | Student Ambassador

Cambridge, USA

Sep 2024 - Present

- Lead peer outreach, engaging with climate leaders, and strengthening student networks around equitable sustainability solutions.
- Develop leadership, communication, and coordination skills to foster cross-disciplinary collaboration on climate action.
- Conduct landscape and gap analyses to support the Salata Institute's mission at the Harvard Graduate School of Design.

REGENESYST | Managing Partner | regenesyst.com

Cambridge, USA

Sep 2024 - Present

- Founded a transdisciplinary design think tank focused on regenerative development and climate resilience.
- Curate content and lead collaborations bridging architecture, environmental science, policy, and technology.
- Organize international *Urban Adaptation Workshops* that connect design and governance to address climate extremes.

J+R ARCHITECTS | Co-Founder

Madrid, Spain

Dec 2019 - Aug 2024

- Established and scaled an architectural practice, driving its strategic planning, business operations, and brand positioning.
- Led residential, commercial, and public infrastructure projects with direct involvement from concept through construction
- Built and coordinated multidisciplinary teams while managing studio operations and long-term strategic planning.
- Managed client and stakeholder relationships, leading negotiations and securing partnerships with institutions and contractors.

DHOCE ARCHITECTS + ERCIS REAL ESTATE | Design architect

Madrid, Spain

Dec 2018 - Dec 2019

- Conducted due diligence and secured municipal permits for a 27-unit apartment renovation in Madrid.
- Directed the design phase and developed detailed technical schematics.
- Oversaw on-site construction activities, guaranteeing adherence to both local building codes and client specifications.

IZASKUN CHINCHILLA ARCHITECTS | Design architect

Madrid, Spain

Aug 2018 - Sep 2018

- Actively contributed to client presentations, concept development, and drafting technical project documentation.
- Managed tender processes, maintained supplier relationships, and ensured compliance with local regulations and project specifications
- Produced "As Built" drawings to document completed construction for regulatory and archival purposes.

RAFAEL MONEO ARQUITECTO | Intern Architect

Madrid, Spain

Jun - Aug 2014 & 2015

- Assisted in design development with 2D/3D drawings, diagrams, rendering, and physical models.
- Supported the research and design development of both new and ongoing projects for private clients and architectural competitions.
- Created architectural drawings for publications, leading to features in A.V. and an exhibition at the Thyssen-Bornemisza Museum.

JARDINES DE CAMPO | Landscape Architecture Assistant

Madrid, Spain

Sep 2012 - Nov 2013

- Produced 2D and 3D design proposals to implement landscape strategies in rainfed rural environments.
- Supported research on best practices to inform project implementation in ecological restoration and sustainable land management.

EDUCATION

HARVARD UNIVERSITY GRADUATE SCHOOL OF DESIGN | Master in Design Studies | Ecologies | Class of 2026

Cambridge, USA

Sep 2024 - Present

- Specializing in climate resilience through "The Climate Energy Challenge" foundation course, integrating science, technology, and policy applications.
- Develop urban adaptation strategies addressing climate impacts through design and governance frameworks.
- Apply computational modeling for environmental geometries and air flow simulation
- Master atmospheric data sensing and mapping methodologies for environmental design
- Pursuing cross-registration opportunities at MIT in building simulation, climate design, environmental technologies, and sustainable architecture applications.

ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU

- Master of Architecture** | NAAB Accredited
Thesis: "*Aarhus Hub Campus*" | Advisor: Prof. Izaskun Chinchilla
- Bachelor of Science in Architecture**
Awarded the "Talent Plus Distinction" diploma for exceptional academic and extracurricular achievements.
- Zhejiang University** | Masterplan Workshop
Collaborated on a rural masterplan to support repopulation efforts in Denggao Village, Xianhua.
- Architectural Association School of Architecture** | Exchange Program
Design and built a temporary installation "Timber Balcony" produced in Dorset and reassembled in London.

Madrid, Spain

May 2018

Madrid, Spain

Jul. 2016

Hangzhou, China

Apr - Jun 2016

London, UK

Jan - Jun 2015

SKILLS

- Modelling & Fabrication:** Rhinoceros, Grasshopper, Revit, AutoCAD, V-Ray, Enscape, 3D Printing, Physical Models, Wood & Metal workshop, and Hand drafting & Painting.
- Drafting & Editing:** Photoshop, Premier Pro, InDesign, Illustrator, and Office Suite.
- Data Systems:** ArcGIS Pro (GIS), Arduino IDE, Presto 22 (cost estimation & site management). Prospective: Climate Studio, Ladybug, energy simulation, and life cycle analysis.

EXHIBITIONS & PRESENTATIONS

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| LECTURE <i>“Design for Decarbonization”</i> Harvard Graduate School of Design | Cambridge, USA Feb 2025 |
| ▪ Co-organized, along Ya Quin, the Lecture Series between the Harvard Graduate School of Design and the Business School: <i>Designing for Decarbonization: Carbon Dioxide Removal in the Built Environment with Lew Epstein.</i> | |
| EXHIBITION <i>“Atmospheric Encounters: Visualizing the Invisible”</i> Harvard Art Lab | Cambridge, USA Dec 2025 |
| ▪ Exhibited <i>Bee Hygrothermal Performance</i> , a real-time performative artifact that showcases site-specific hygrothermal, making the invisible atmospheric interactions tangible. | |
| EXHIBITION <i>“Cycles: The Art of Blurring”</i> THE FAIRBANK CENTER FOR CHINESE STUDIES Harvard University | Cambridge, USA Sep 2024 |
| ▪ 1st Prize Landscape Photo Award 2024 Competition Exhibition | |
| PANEL DISCUSSION <i>“La Arquitectura de los Arquitectos”</i> Official institute of Architects of Madrid (COAM) | Madrid, Spain Dec 2023 |
| ▪ Participant alongside Bibiana Ulanosky (curator), Sigfrido Herráez (COAM Dean), Pablo Olalquiaga (Vice Dean), Carmen Nieves, and Patricia Gómez-Castresana during the catalog presentation. | |
| EXHIBITION + CATALOGUE <i>“La Arquitectura de los Arquitectos”</i> Official institute of Architects of Madrid (COAM) | Madrid, Spain May 2023 - Jul 2023 |
| ▪ <i>“Makan Caleido”</i> J+R Architects Project Exhibited and featured in the exhibition catalog. | |
| EXHIBITION <i>“UNCERTAINTY: How will we live together?”</i> VENICE BIENNALE ARCHITETTURA Spanish Pavilion | Venice, Italy May 2021 - Nov 2021 |
| ▪ Included final thesis <i>“Aarhus Hub Campus”</i> as part of the Spanish Pavilion exhibition. | |
| EXHIBITION <i>“More than 100 trees”</i> Concéntrico + La Forêt Monumetale | Rouen, France Sep 2019 |
| ▪ Finalist Competition Exhibition <i>“More than 100 trees”</i> | |
| EXHIBITION <i>“Aarhus Hub Campus”</i> MADRID ARCHITECTURE WEEK WhiteLab Gallery | Madrid, Spain Jun - Jul 2018 |
| ▪ Exhibited Final Thesis <i>“Aarhus Hub Campus”</i> Selected Projects Sponsored by Open House Madrid. | |
| INSTALLATION Architectural Association School of Architecture | London, UK May - Aug 2015 |
| ▪ Temporary installation: <i>“Timber Balcony”</i> A.A. Terrace | |

PUBLICATIONS & PRESS

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| PRESS Eco-Glamping JR Architects Project | Málaga, Spain Jan 2022 Dec 2020 Dec 2020 Nov 2020 |
| ▪ Mayte Cortés <i>“Green light for an ‘eco-glamping’ project in Rincón de la Victoria”</i> Málaga Hoy | |
| ▪ Eugenio Cabezas <i>“Private investors plan an ecological campsite in Benagalbón”</i> Diario Sur | |
| ▪ James Warren <i>“Green boost for Spain’s Andalusia thanks to new ‘eco glamping’ project”</i> Theolivepress | |
| ▪ Mayte Cortés <i>“An eco-campsite for Benagalbón”</i> Málaga Hoy | |
| THESIS GUIDANCE FILES ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU | Madrid, Spain May 2018 - Present |
| ▪ Final thesis, <i>“Aarhus Hub Campus”</i> , included in the official compilation of exemplary projects to guide prospective students. | |
| PUBLICATIONS Architectural Association School of Architecture | London, UK Aug 2015 Feb 2015 |
| ▪ Publication: <i>“Timber Balcony”</i> Featured in the A.A. Prospectus 2015-2016: <i>AA Exhibition Openings</i> | |
| ▪ Publication: <i>“Covent Garden Analysis Project”</i> Published in the A.A. Visiting School | |

ADDITIONAL ACADEMIC EXPERIENCE

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| ESCUELA POLITÉCNICA SUPERIOR (E.P.S) UNIVERSIDAD SAN PABLO-CEU Jury Member for Critique Sessions | Madrid, Spain Dec 2022 May 2021 |
| ▪ Guest critic for Studio VII | |
| ▪ Guest critic for Studio VIII | |
| INSTITUTE FOR ADVANCE MANAGEMENT CEU + PÉREZ-LLORCA ABOGADOS LAW FIRM | Madrid, Spain Nov 2019 |
| ▪ Completed a Post-Professional Course in Urban Planning Management & Land Regulation | |
| OFFICIAL INSTITUTE OF ARCHITECTS OF MADRID (C.O.A.M.) Presto 2022 | Madrid, Spain Mar 2019 |
| ▪ Training in Budgeting, Measurements, Certifications, and Construction Oversight using Presto 22. | |
| ZHEJIANG UNIVERSITY Teacher Assistant | Hangzhou, China Jun 2016 |
| ▪ Supported Professors Aurora Herrero and Eduardo de la Peña in facilitating discussion sessions at the Zhejiang University workshop. | |

VOLUNTEER WORK

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| CEU SAN PABLO UNIVERSITY AND THE UNIVERSITY OF MAKENI Contribution to Cartographic Research <i>UNIMAK</i> | Madrid, Spain 2013 |
| ▪ Collaborated with the <i>Habitability and Development Laboratory</i> (HD_Lab) to develop the first digital cartography of Makeni, Sierra Leone. | |
| MISSIONARIES OF CHARITY (Mother Teresa) Volunteer | Nairobi, Kenya Jun 2010 |
| ▪ Volunteered with the Missionaries of Charity of Mother Teresa of Calcutta in Nairobi, supporting food preparation, home visits, educational activities, and maintenance work in the Huruma community. | |