

CV

Pia Alejandra Galvez Lindegaard

In brief

Pia Alejandra Galvez Lindegaard

(b. 1979, Valparaiso, Chile)

phd student in fine arts, environmental artist and environmental architect

She is currently a PhD student in Fine Arts at the Complutense University of Madrid (Spain) focused in research-creation projects about « Water and arts practice in times of climate change (planetary boundaries). Atlantic and Pacific Ocean. » .

Since 2010 she has been developing projects of environmental arts (site-specific installation; photography) and environmental architecture (architecture, engineering and construction - AEC) related to the environment and the natural materials with low impact such as straw bales, earth, timber, water, bamboo, and canes. After this initial period, a new cycle about water (substance); climate change; and Earth observation + observation from Earth started in 2021.

She is multilingual (English, Spanish, Portuguese and French) and has participated in projects as artist or architect in Brazil, Spain, Slovakia, Portugal, France, United Kingdom and Online.

- Specialties -

artistic research; arts-based research; research-creation;
environmental art; environmental architecture; site-specific installation;
art and science; art and ecology; art and environment; public space;
landscape and environment; low carbon; post-carbon society; biophilia;
natural materials; biosourced materials; nature-based solutions;
climate action; climate change; sustainable development goals; SDGs;
collaborative projects; participatory projects; transdisciplinary projects;
architecture, engineering and construction projects; environmental arts
projects; artistic research projects;

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Experience

Environmental Architecture | Madrid (Spain)

Founder, artist, architect-builder and project manager

June 2010 - present

Projects of environmental arts (site-specific installation, photography) and environmental architecture (architecture, engineering and construction) related to the environment and the natural materials with low impact such as straw bales, earth, timber, water, bamboo and canes.

Description of the services:

· **Environmental arts projects (site-specific installation, photography)**

Full transdisciplinary arts and research projects from conception to production:

- art and science
- art and ecology
- landscape and environment
- public space
- collaborative projects
- participatory projects
- adult vocational training

· **Environmental architecture projects (architecture, engineering and construction - AEC)**

Full architect-led design-build services from the beginning to the end (new building and renovation):

- project design, development, management and execution of construction (administration, training, on-site overseeing).
- studies
- preliminary project drafts
- initial and execution projects
- construction management
- energy restoration (low-energy buildings)

Projects:

Site-specific installation

(2017-18) 'Cataratas'. Les recombinaunts (Online), Friche la Belle de Mai (Marseille, France) and Rhizome.org (Front page, Online).

(2016) 'Postcard Garden'. Villa Mallet-Stevens (Paris, France) and Date as per postmark (Online).

(2014) 'Fake Nature'. Centro Cultural Matadero (Huesca, Spain).

(2014) 'Deep time'. Changing Spaces (Cambridge, United Kingdom).

(2014) 'Islands of compression in a sea of tension'. CACiS - Center for Contemporary Art & Sustainability (Calders, Spain).

(2011) 'Growing corner'. Sala de la Arqueria de Nuevos Ministerios (Madrid, Spain).

(2010) 'Arundo donax Jubierre'. Monegros Desert (Huesca, Spain).

Photography

(2015) 'La cabane a rêves'.

(2015) 'Water without apparent life'. Water wheel (Online).

(2013) 'The water that comes. The used water. The water that we come to have.'. La Trasera (Madrid, Spain) and Water Bodies (Online).

(2013) 'Boo, Cosa Vostra'.

(2013) 'Jubierre'.

(2012) 'Ecdysis or slough'.

Projects:

Architecture

(2013-15) 'Straw bale pavilion'. Design phase of a straw bale pavilion of load-bearing straw bales, clay plaster and green roof. Urban Garden (Barcelona, Spain). [Unbuilt].

(2010) 'Straw bale dome'. Execution phase of Gernot Minke's building (Senec, Slovakia).

[Registered architect in Spain since 2009]

Prizes and artist residencies

(2017)

'Sustainable Building Awards: Best full service design & architecture firm – Spain'.

BUILD Magazine award (United Kingdom).

(2014)

'Park in Progress 12' (Huesca, Spain).

Artist residencies nomadic programme of Pepinieres Europeennes pour Jeunes Artistes (Paris, France).

'Cambridge Sustainability Residency - CSRes'.

Artist residency (Cambridge, United Kingdom).

'International open call – Creadores 2014'.

Artist residency, CACiS - Center for Contemporary Art & Sustainability (Calders, Spain).

(2009)

'Water and salt: best applied project concept of sustainability'.

Sustainable prize ETSAV 2008. CISol - Solar Research Centre ETSAV (San Cugat del Valles, Spain)

Presentations (selected talks, posters and dossiers)

(2016)

16 June. 'Straw bale construction'.

Talk. Open Finsa 201 6. Alternatives to traditional building.

Sala Mater (Castellbisbal, Spain).

(2014)

26 June. 'Illa dels 3 horts. Reclamation of urban degraded landscapes'.

Talk. National conference of the European project e-clic: experiment on the Landscape Convention.

IIDL . University of Valencia (Valencia, Spain).

25 - 28 May. 'Illa dels 3 Horts'.

Poster. Urban growth and peri-urban sprawl. Innovative practise.

Landscape Forum LE:NOTRE (Landscape Education: New Opportunities for Teaching and Research in Europe).

Faculty of Forestry, University of Sarajevo (Sarajevo, Bosnia and Herzegovina).

(2013)

6 October. 'Ecological architecture at the Illa dels 3 horts'.

Dossier. Crisis Buster, Lisbon Architecture Triennale 'Close-Closer'.

Quinta das Conchas e Lilases park (Lisbon, Portugal).

4 - 5 July. 'Urban garden'.

Poster. Ecological Restoration as tool for social binding. 1st international forum on Ecological Restoration 'Creando Redes'.

National Museum of Natural Sciences (Madrid, Spain).

13 April. 'Arundo donax Jubierre'.

Talk. II Art & Ecology R+D Seminar: Artistic, ecological and collaborative practices in marginal sites.

CA2M Dos de Mayo Art Centre (Mostoles, Spain).

Publications

As author or co-author

'Quick Response Journey / Viaje de respuesta rapida'
in: Flys Junquera, Carmen and Goodbody, Axel (Eds.). Green Computer and Video Games. Ecozon@: European Journal of Literature, Culture and Environment. Vol 8, No 2 (2017).
Spain: University of Alcala, 2017. Pages 198-202.
ISSN 2171-9594

'Deep Time - Walking between the second and the million'
in: Stenton, S. & Velez, M. (Ed.). MILK. Cambridge Sustainability Residency. Cambridge: Anglia Ruskin University, 2015. Pages 70-77.
ISBN 978-0-9931461 -0-7

'Urban Open Spaces: Illa dels 3 Horts'
Ecoconstruccion. Issue #38, 2014. Pages 56-57.

'Straw bale buildings chance in India'
Ecoconstruction India. Issue #1, 2013. Page 35.

'Balneario de aguas terapeuticas para el monasterio de las comendadoras de San Juan de Acre en Salinas de Anana (Vitoria)'.
in: UPCommons.
Spain: Polytechnic University of Catalonia - Barcelona Tech, 2008.

'DLAW BCN 2000'
in: Usandizaga, M. (et al.)(Ed.). Socrates 2000. Disused land along the waterfront: a chance for urban renewal.
Spain: Edicions UPC , 2003. [CD-ROM] .
ISBN 84-688-4516-7

By others

'Park in Progress 1 2: Huesca, Espagne' and 'Biographies'
Vv. Aa.
in: Park in Progress 2010-2014.
France: Editions Pepinieres, 2015. Pages 190-205 and 268.
ISBN 918-2-914479-10-3

'H2O: emergencias'
Esther Monivas
in: Suzon Fuks et al. (Eds.). Water Views: Caring and Daring – Waterwheel World Water Day Symposium 2014 – 3WDS1 4.
Queensland, Australia: Igneous Incorporated, 2015. Pages 146-153.
ISBN 978-0-9925610-0-0

'Instalaciones en el paisaje. Trabajos de clase.'
Francisco Javier Terrados, Antonio Tejedor y Oscar Rodriguez.
in: Neutra. Revista del Colegio Oficial de Arquitectos de Andalucia Occidental. Issue 09/10.
Seville: Colegio Oficial de Arquitectos de Andalucia Occidental, 2003.
Pages 190-193.
ISSN 1138-1507

As photographer

'Barrios. Cuadernos practicos de transformacion urbana. Cuaderno 3. Cano Ronco: Un barrio en innovacion.'
Seville: Diputacion de Sevilla, 2004.
ISBN 84-688-1105-X

Digital skills

DigComp 2.0 (Digital Competence Framework for Citizens)

- Information and data literacy level 5 (advanced)
- Communication and collaboration level 4 (intermediate)
- Digital content creation level 4 (intermediate)
- Safety level 3 (intermediate)
- Problem solving level 4 (intermediate)

Administrative

- Microsoft Office (Word, Power Point, Excel).
- OpenOffice (Writer, Impress).

Image manipulation, layout design and publishing

- Scribus, Inkscape, Adobe Photoshop, Gimp.

Architecture, engineering and construction

- AutoCAD, BIM (Revit).

Management and communication

- Project management, tasks and team collaboration system:
Asana.
- Content management system (CMS):
WordPress
<https://environmental-architecture.net/en>
2013 - present
 - Multisite website design & development
 - Specialized multilingual content generation (English, French, Spanish)
 - Organic website positioning SEO (Search Engine Optimization)
- Communications management:
tumblr (microblogging) Linkedin (professional network)
Pinterest (social network) Mailchimp (email campaign, newsletter)

Programming / Scripting / Markup language

- Basic PHP
- Basic HTML/CSS

Language skills

Spanish

Native

English

Fluent listening, reading, writing and speaking.

Certified:

Certificate in Advanced English

Cambridge Assessment English (United Kingdom), 2020.

Level C1 CEFR (Common European Framework of Reference).

Certificado de Aptitud.

Escuela oficial de Idiomas (Spain), 2001.

Level B2 CEFR.

French

Fluent listening, reading, writing and speaking.

Certified:

DALF C1, 2018.

Level C1 CEFR.

DELF B2, 2017.

Level B2 CEFR.

DELF A2, 2006.

Level A2 CEFR.

Portuguese

Basic listening, reading, writing and speaking.

Courses (selected lifelong learning)

Research & education

(2022)

'Sustainability and ecological footprint: from theory to practice' (50 hours)

16 May - 3 July

Sustainability, Sustainable Development Goals (SDGs) and ecological footprint in Higher Education Institutions (HEIs).

Universidade Aberta (Online)

(2019)

'Research integrity in scientific professions' (± 14 hours)

7 November - 17 January

FUN Platform: Universite de Bordeaux (Online)

'What's up Doc - Information training for all (S2)' (± 14 hours)

15 October - 15 January

FUN Platform: Universite libre de Bruxelles (Online)

(2018)

'Research ethics' (± 12 hours)

6 September - 28 November

FUN Platform: Universite de Lyon (Online)

(2013)

'New educational approach in sustainable natural building PART I (clay plaster - module 1)' (54 hours)

4 - 11 May

European workshop for educators and trainers

Europäische Bildungsstätte für Lehm- und Naturbau / European School for Earth Building

Unit 2 Level 2 European Credit system for Vocational Education and Training (ECVET)

FAL e.V. (Ganzlin, Germany)

(2012)

'Trainer of trainers' (380 hours) and (110 hours)

August - September

Euroinnova Business School and Antonio de Nebrija University (Online)

Management

(2022)

'PM A1 - PM² Agile Essentials' (± 8 hours)

10 August

Interoperability Academy, European Commission, EU Academy (Online)

(2021)

'PM C1 - PM² Essentials, Project Management Methodology' (± 8 h)

10 June

Interoperability Academy, European Commission, EU Academy (Online)

(2020)

'Project manager in Erasmus Plus' (± 40 hours)

1 - 12 July

Basic concepts of project management applied in Erasmus+ Predict CSD Consulting (Online)

Marketing & communications

(2022)

'The fundamentals of digital marketing' (40 hours)

5 - 13 September

Google digital workshop: marketing (content, social media, mobile, video, email); SEO; SEM; web analytics; e-commerce; local and international marketing.

IAB Europe and Open University (Online)

Sustainable development & environment

(2021)

'Planetary Boundaries' (± 32 hours)

14 September - 7 November

edX: SDG academy (Online)

'Climate Services for Adaptation using Climate Data from Copernicus Climate Data Store (CDS)' (± 30 hours)

12 January - 8 February

Wageningen University & Research (Online)

(2020)

'Learn to harness the power of space data' (24 hours)

14 September - 20 December

Copernicus MOOC (Online)

(2011)

'Environmental auditor' (50 hours in-person + 40 virtual hours)

4 April - 16 May

Environmental Management Systems (EMS), ISO 1 4001 , ISO 1 901 1

CEIM (Madrid, Spain)

(2010)

'Ecological building with natural materials'

16 - 28 August and 6 - 18 September

Workshop directed by Gernot Minke

Load-bearing straw bale dome surrounded by 8 load-bearing straw bale vaults with a green roof (138 sqm / 1485 sqft)

ArTUR (Senec, Slovakia)

(2009)

'Environmental impact assessment and correction (3rd edition)'

(36 hours)

16 - 26 November

Asociacion espanola de Evaluacion de Impacto Ambiental

La Casa Encendida (Madrid, Spain)

'Introduction to earth construction' (± 40 hours)

7 - 11 September

Workshop directed by Gernot Minke & Dittmar Hecken.

Forschungslabors fur Experimentelles Bauen / Research Laboratory for Experimental Building

Universitat Kassel (Kassel, Germany)

'Renewable energies 2010' (12 hours)

15 - 18 June

La Casa Encendida (Madrid, Spain)

Education

(2022 / ...)

Complutense University of Madrid (Spain)

PhD Student in Fine Arts

(2015)

Ministerio de Educacion, Cultura y Deporte (Spain)

Certificate of correspondence according to article 27.2 RD 967/2014
(BOE 02-10-2015)

Master, Level 7 of the European Qualification Framework (EQF).

Diploma Supplement (DS):

· Professional status

This qualification enables the holder to carry out multiple activities related to projects and direction of architectural works and urbanism; projecting and directing public or private building works of new construction, extension or reformation for any use, rehabilitation of listed buildings of historic or artistic interest; drawing up urban projects, urban planning, territorial planning, land use, landscape and environment management, directing works deriving from such projects, and organisation, management and surveying of real estate. The holder may carry out activities for public administration and private companies, as well as in teaching.

· Main fields of study for the qualification

- Architectural projects and graphic expression.
- History and theory of architecture.
- Urbanism, territorial management and planning.
- Construction and architectural technologies.
- Structure and foundation calculations.
- Urban facilities and buildings.
- Conservation and restoration of architectural heritage.
- Organisation of works and companies, regulations, costs and surveying.

(1998 / 2008)

Polytechnic University of Catalonia (Spain)

Architect

Master thesis (pre-Bologna period):

'Therapeutic bathing resort for the monastery of the comendadoras de San Juan de Acre en Salinas de Anana (Vitoria)'

<https://upcommons.upc.edu/handle/2099.1/5132>

The project is based on the study of three coexisting heritages:

- landscape (Salt Valley linked to the Anana's diapiir)
 - cultural (Salinas de Anana)
 - architectural (Monastery of the comendadoras de San Juan de Acre)
- to propose a new exploitation of the brine with therapeutic purpose.

The proposed building (restoration, change of use and new construction) is a therapeutic bathing resort conceived for the practise of the therapy described by Sebastian Kneipp.

This therapy is based in five interrelated unitary components: psychotherapy, dietetics, kinesiotherapy, hydrotherapy and phytotherapy.

(2002 / 2003)

University of Seville (Spain)

SICUE mobility programme of exchange between Spanish universities.

Traineeships

(2002 / 2007)

Traineeship experiences as collaborator in Spain (Madrid, Barcelona and Seville) and Brazil (Sao Paulo) in multi-disciplinary architecture studios as draughtswoman and assistant of: architects, researchers, model-makers, participatory urbanism and builder contractor.

Adell Associats, S.L. | Sant Cugat del Valles (Spain)

Architect assistant and draughtswoman

July 2006 - November 2007

Documentation of architectural heritage projects of restoration and rehabilitation (initial and execution phase):

- Les Ferreres aqueduct (Pont del Diable)
- Sant Cugat del Valles monastery
- Castellet castle
- Sant Ramon Nonato monastery
- Os de Balaguer castle
- Llorda castle
- Bank of Spain of Tarragona

w2b | Tarrasa (Spain)

Architect assistant and draughtswoman

February - June 2006

Documentation of architectural projects (initial and execution phase):

- Residential (single and multiple housing)
- Documentation of industrial projects

ArchiOggi | Campinas, Sao Paulo (Brazil)

Architect assistant and draughtswoman

November - December 2005

Documentation of architectural projects (initial and execution phase):

- Residential (single-family housing)

UNIMEP (Universidade Metodista de Piracicaba) - IAESTE | Santa

Barbara d'Oeste, Sao Paulo (Brazil)

Researcher assistant and draughtswoman

August - November 2005

IAESTE (International Association for the Exchange of Students for Technical Experience) research initiation traineeship focused in projects of environment, landscape, public space and bioclimatic architecture.

Participation in the project 'Recuperacao e revitalizacao urbana na area central de Santa Barbara d'Oeste: do patrimonio construido ao ambiente natural'; shown at the international students exhibition of the 6th Sao Paulo International Biennial of Architecture (BIA)

VIVER NA CIDADE

Realidade - Arquitetura - Utopia

22 October - 11 December 2005

Ciccillo Matarazzo Pavilion. Ibirapuera Park (Sao Paulo, Brazil).

Volume model workshop. Polytechnic University of Catalonia - Escuela de Arquitectura del Valles | San Cugat del Valles (Spain)

Model-maker assistant and draughtswoman

January - May 2005

Traineeship as draughtswoman and model-maker in a workshop specialized in research, design and construction volume models (architectural and urbanism) for exhibitions in the field of museography.

Setting of CAD drawings for laser machines (engraving, cutting) and computer numerical control (CNC) machines.

(2002 / 2007)

Traineeship experiences as collaborator in Spain (Madrid, Barcelona and Seville) and Brazil (Sao Paulo) in multi-disciplinary architecture studios as draughtswoman and assistant of: architects, researchers, model-makers, participatory urbanism and builder contractor.

Construcciones Garrites S.L. | Rubi (Spain)

Builder contractor assistant

June - December 2004

Traineeship as on-site builder contractor assistant overseeing construction, teams of contractors and subcontractors:

- Urban infill residential development

- single-family housing:	level - I + I I	
lot surface	830 sqm	8934 sqft
built surface	734 sqm	7901 sqft
- multi-family housing:	level - I I + I I I	
lot surface	1068 sqm	11496 sqft
built surface	3087 sqm	33228 sqft

- Industrial building maintenance

Inphiniart | Madrid (Spain)

Conference organization assistant

22 - 27 March 2004

Conference assistant with presentations of experts, international researchers and projects posters about applications of fractal geometry to the world of design and architecture.

1 st International Conference on Fractal Foundations for XXI Century Architecture and Environmental Design (FFRACTARQ 2004)

25 - 27 March 2004

Circulo de Bellas Artes (CBA)

Arquitectura y compromiso social | Seville (Spain)

Participatory urbanism assistant

October 2002 - July 2003

Internship at 'El Taller de barrios', an experiment on participatory urbanism in Cano Ronco (Camas, Seville).

Elaboration of an analysis, diagnosis and proposals for the improvement in urban design and housing of the area within the collaborative framework of the local development plan in vulnerable zones of the Municipal Cooperation Area of the Seville Deputation with the Camas local Council.

November, 2022