

Curriculum Vitae

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EDUCATION

- 2012-present Ph.D. Candidate (Defense scheduled for Spring 2017), Sustainability Research Institute of Science and Technology, Doctoral Program in Sustainability, Technology and Humanity, Barcelona Polytechnical University of Catalonia, Spain.
Thesis: "From urban sustainability to urban resilience. Case Study: The city of Barcelona" (See below an Abstract)
Adviser: Professor Francesc Magrinya
- 2010 MA Design & Communication, Pompeu Fabra University, Spain.
Adviser: Professor Xavier Costa, Northeastern University.
- 1993 Master of Landscape Architecture, Barcelona Polytechnic University of Catalonia, Spain.
- 1991 Master of Architecture, University of Mons-Hainaut Belgium.
- 1988 Bachelor of Architecture, University of Mons-Hainaut, Belgium.

ACADEMIC POSITIONS

- 2016-present **Visiting Lecturer**, Queens College, City University of New York
- Undergraduate: Earth & Environmental Science Studies.
Course GEOL93 (3 cts): Environmental Issues (Fall 2016)
Seminar-type course into urban sustainability and resilience policies through interactive, self-directed investigations by student teams
- Undergraduate: Urban Studies Department, Environmental Studies.
Course URBST206 (3cts): Global Cities (Spring 2015, Spring 2016; Fall 2016)
The evolution of the Global Cities and attempts to solve problems that also face American cities. Comparative analysis of cities in relation with urban ecology issues and challenges.
Course URBST252 (3 cts): The changing Urban Environment (Spring 2016, two classes)
This course introduces students to the major issues and themes in urban environmentalism, urban sustainability and urban resilience.
Course URBST258 (3 cts): Climate change (Fall 2015)
Urban strategies and policies that addresses climate change and sustainability.
Course URBST373 (3 cts): Special Problems in Environmental Policies (Spring 2016)
A seminar-type course into urban sustainability policies or management problem through interactive, self-directed investigations by student teams.
- Graduate: MA in Urban Affairs, Urban Studies Department
Course URBST710 (3 cts): Urban Environmental Policies (Spring 2016)
This course will examine the theory and practice of American urban environmental policy in the second half of the twentieth century. We will focus mainly on the natural, social and political forces that have shaped New York City's urban environment.
Course URBST7603 (3 cts): Selected Topics in Urban Studies (Spring 2016)
An intensive analysis of policies and planning in one urban topic in one semester (e.g., health, housing, transportation, education, welfare).
Course URBST7601:(3 cts) Selected Topics in Urban Studies (Fall 2015)
An intensive analysis of policies and planning in climate change.
- 2015 **Adjunct Lecturer**, Queens College, City University of New York
- 2013-2014 **Visiting Lecturer**, *École Nationale des Arts & Métiers*, Paris Tech.
Graduate: Master Degree in Sustainable Habitat and Building
Course: Urban Sustainability and Resilience

- 2012-2013 **Visiting Lecturer, *Instituto Europeo del Design*, IED,**
Course: Ecodesign Summer Course, Barcelona, Spain.
- 2002-2013 **Lecturer, University Pompeu Fabra, Barcelona School of Design and Engineering, ELISAVA.**
Undergraduate, Design, Architectural & Engineering Studies Department
Course: Environment & Architecture (3.5 ECTS) (Spring 2002/2003/2004/2005)
Course: Architecture & Eco-efficiency (4.5 ECTS)
(Spring 2006/2007/2008/2009/2010/2011/2012/2013)
Course: Build Intervention(1.5 ECTS) (Fall 2012/2013)
Course: Sustainable process and products (5 ECTS) (Spring 2012/2013)
Course: Technical systems: Future Habitat (2 ECTS) (Spring 2012/2013)
Course: Materials (Spring 2012)
Course: Products (Fall 2012)
Course: Research Methods (Fall 2012/2013)
Course: Sustainability Studio 5 (3 ECTS) (Spring 2011/2012)
Course: Technologies Studio 4 (2011)
Course: Studio (6 ECTS) (Spring/Fall 2004/2005/2006/2007/2008/2009/2010/2011)
Graduate level, Master of Design & Eco-Habitat, Design and Architecture Department
Course: Urban Sustainability Studio (5 ECTS)
(Spring Semester 2006/2007/2008/2010/2011/2012/2013)
- 2013 **Visiting Erasmus Lecturer, Seinajoki Applied Sciences University, Seinajöki, Finland.,**
Undergraduate Level, Interdisciplinary Program
Intensive Program of Sustainable Architecture
- 2010-2012 **Visiting Professor, University of Southampton, Winchester School of Art, Sustainability Module Leader,**
Masters of Arts, European Pathways, Architecture, Interior Design & Product Management.
Course: Urban Sustainability (3 ECTS)
- 2009-2012 **Visiting Erasmus Professor, Institut d'Architecture de Tournai, Université C. de Louvain, Belgium.**
- 2008-2012 **Visiting Professor, École Nationale Supérieure d'Architecture de Montpellier, France**
Master Level Program, Architecture Studies
Course «*Architecture, Urbanisme et Développement durable en territoires méditerranéens*»
- 2000-2002 **Visiting Lecturer, La Salle School of Architecture, Ramon Llull University.**
Master in Sustainable Architecture

ACADEMIC LEADERSHIP

Barcelona School of Design and Engineering, ELISAVA, Pompeu Fabra University, Barcelona, Spain.

- 2005-2013 Director of the Master Design & Habitat.
- 2010-2012 Head of the academic program of the Bachelor's Degree in Architectural Engineering,
- 2010-2012 Member of the Management Council
- 2004-2010 Head of the Area of Sustainability and Management.

SPECIAL MENTIONS & AWARDS

- 2013 *International Spanish Architecture Award*, for actions to promote Spanish Architecture Work around the world, as a member of the International Relations Team of the Catalan Architects Association, Spanish Architects Association, Consejo Superior Colegios de Arquitectos de España, CSCAE, Spain.
- 1999 *Barcelona Architects Association Award*, Architectural Award, Residential Housing, Big Sur House, Spain.
- 1993 First classified in the International Competition "*Entry for the Catalan Countries*", Tramontana Project, Salses, France.
- 1991 "*André Baudson*" Award & "*Centre Belgo-Luxembourgeois d'Information de l'acier*" Award for the Final Project for the Master of Architecture, Belgium.
- 1988 Froment-Somme Award for the best Bachelor of Architecture, Mons, Belgium.

RESEARCH PROJECTS & GRANTS

- 2016 MFA Grant, Neighborhoods & Crisis, Art Queens College Department, CUNY

2015-2016	Course Enhancement Grant for Experiential Learning Activities Spring and Fall Semester 2015/2016, Urban Studies Department of Queens College, CUNY.
2015	Expert in Sustainable Urban Policies Unit (on behalf of the UIA) at the United Nations Conference on Housing and Sustainable Urban Development, HABITAT III, 2016.
2013-2015	Researcher at the POLURB CSO2011-28850 Grant, Urban Policies through the scenario 2015 in Spain, <i>After 30 years of local democracy, analysis and proposals for urban resilience and new urban policies</i> . Spanish Economic Minister, Madrid, Spain.
2014	Researcher at the project "Placeholders", Advanced Institute Interdisciplinary and Engaged Research SEED Grant, School of Architecture, Planning and Preservation, University of Maryland.
2002-2007	Researcher at the Project Grant: Shared Heritage and Modern Architecture and Urban Regeneration in the Euro-Mediterranean Region, Euromed Heritage Program, European Commission.
2000-2007	Researcher at the project Grant "Architectural practice around the world" COAC, International Union of Architects.
2001-2004	Researcher at the Project Grant: Catalunya-Berlin-França. Innovating Renovation: Urban Regeneration and Renewable Energies, Leonardo Program, European Commission.
2001-2004	Researcher at the Project Grant: One hundred houses for one hundred European Architects of the twentieth century, Modern European Architecture Museum Net, Culture 2000 Program, European Commission.

INTERNATIONAL COOPERATION

2015	International Sustainable and Emergent Competition for Latino-American cities launched by Inter American Development Bank. Development of a Sustainable Strategic Plan proposal to improve the quality of life and social justice in Curundú neighborhood in Panama. Proposal developed by the Urban Studies department of Queens College, CUNY, local experts and the Urban Planning department of the University of Medellin, Colombia.
2015	Member of the ASF 2015 AWARD to promote urban resilience best practices "Learning South of North, Share your initiative to improve the built environment!", Architectures Sans Frontières International.
2013	Co-Habitat International Cooperation Project. Development of Social justice and resilience actions with La Havana communities- based at the informal neighborhood "Ciudadela Salaya" co-organized by the CUJAE University of La Havana and with the support of Government Catalan Development Cooperation Agency (ACCD).
2007	REHABIMED Euro-Mediterranean association network, to improve the quality of life and the social cohesion through Urban Regeneration. Urban resilience Best practices by community-based best practices developed Regional Conference
2002-2005	Colonial Shared Heritage and Urban Regeneration in the Euro-Mediterranean Region Project Action, Euromed Heritage Program, European Commission, Alexandria, Egypt.
2003	International Cooperation Learning Research Actions with the support of the University of Mohammedia European International Cooperation Agency, Casablanca, Morocco.
2002	International Cultural and Social justice Exchange Cooperation with the support of the University of Perpignan, in Kelibia, Tunisia

AFFILIATIONS

2015- present	Researcher of the RESURBE/RECNET research network, Resilient and Recycled Cities programme, UNESCO Chair of Sustainability.
2014-present	Director of the research Work Program "Actions Without Borders" of the International Union of Architects, AWB/UIA, Paris, France
2006-present	Member nº 146 of the Spanish Architecture Sustainable Association (AUS/ASA/CSCAE), Spain.
1993-present	Architect Registered nº 23491/5, Spanish Architects Association, COAC/CSCAE, Spain
1991-1993	Architect in Practice, Registered Belgian Architects Association, Belgium.
2013-2014	Researcher at the Work Program "Actions Without Borders" of the International Union of Architects.
2012-2015	Member of Arquitecturas Colectivas, Spain.
2011-2015	President of the Environmental & Educational <i>Amics Bosc Turull</i> District Center in Barcelona, Spain.

PROFESSIONAL PRACTICE

1993-Present	Own professional practice in sustainable urban design. The expertise is twofold: <ul style="list-style-type: none"> • <i>Provides innovative action learning instruction through engagement of communities in Urban Design with these institutions:</i> School of Architecture, Planning and Preservation, University of Maryland, US, Ecoinstitut Barcelona, Spain; Sustainable Commission of the Gràcia District in Barcelona, Spain; Generalitat
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of Catalonia, Spain, Housing Department; Barcelona Urban Planning Area, Neighborhood Sustainable Plan Integral *El Coll*, Llei de Barris, Generalitat de Catalunya; and Educational & Environmental Center in Barcelona, among others.

- *Provides advice on sustainable practices and entrepreneurial skills.* This includes projects with Col·legi d'Arquitectes de Catalunya, Architecture Sans Frontières-International; Union of International Architects, *Conseil National des Architectes* de France; ARVHA; Maison des Sciences de l'Homme, Montpellier, Envirobat, Marseille; and GERICO, France.

2008-2015	Consultant for research grants for the International Network of Architectures Sans Frontières.
2000-2010	Head of the European Research Projects Area, International Relations Department of the Catalan Architects Association (COAC), Barcelona, Spain. Worked in International Cooperation Projects of the European Commission, General Direction of Education, Culture, Heritage and Renewable Energies.
1991-1993	Architect (partner of Gustavo Barba, Architect & Editor) in Barcelona, Spain.
1985	Intern in the Department of Urban Design, Santa Coloma de Gramanet, Spain.

EDITORSHIPS

2010-2013	Co-Editor with Dr. Rafaella Perrone of <i>Temes de Design Review</i> , nº 27, 28 and 29. ELISAVA, Barcelona School of Design & Engineering, Barcelona, Spain.
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MEMBER OF INTERNATIONAL JURIES & AWARDS

2015	Member of the Jury of the ASF 2015 AWARD "Learning South of North, Share your initiative to improve the built environment!", Architectures Sans Frontières International.
2006	Member of the Jury of the Hainaut/Belgium AWARD, Belgian Architects Association, Mons, Belgium
2005	Member of the Jury of the Final Jury Project Arts & Design Master, Saint Luc Tournai, Belgium.
2003	Member of the Jury of the Plovdiv Competition, Bulgarian Architects Association, Sofia, Bulgaria.

PAPERS & PUBLICATIONS

- Balanzo-Joue, R., Magrinya, F. (2015) *A critic perspective of Social and urban innovation and resilience: Self-reliant urban space in Barcelona*, pº 59-94, Social innovation and urban policies in Spain, Icaria Editorial, Barcelona, Spain.
- Balanzo-Joue, R., (2015) *Barcelona: Heading towards urban resilience in the Vallcarca neighborhood*, Habitat y Sociedad Review, Universidad de Sevilla, Spain
- Balanzo-Joue, R.,(2014), *The role of arts in Urban Resilience, Grassroots case studies in Spain*, The role of artists & the arts in creative placemaking. Goethe Institut. Washington D.C.
- Balanzo-Joue, R., (2014), *Urban Resilience, Urbanization and Resilience*, Policy Paper,UIA World Congress Durban 2014
- Balanzo-Joue, R, Perrone, R; (2013), Editorial of the review, *Temes de Disseny*, Elisava School of Design & Engineering, *Visual Communication, The perception of the invisible*, pº 7-9, Barcelona, Spain.
- Balanzo-Joue, R, Perrone, R; (2012), Editorial of the review, *Temes de Disseny*, Elisava School of Design & Engineering, *Speed, Reconsidering Time in Design*, pº 6-9, Barcelona, Spain.
- Balanzo-Joue, R, Perrone, R; (2011), Editorial of the review, *Temes de Disseny*, Elisava School of Design & Engineering, *Design in the 21st Century, The form of the future*, pº 7-10, Barcelona, Spain.
- Balanzo-Joue, R, (2010), *Rehabilitación participativa de técnicos y vecinos en edificios de vivienda en la Barceloneta*, R+S=F: Rehabilitación + Sostenibilidad Congreso, Barcelona, Spain.
- Balanzo-Joue et al, (2010), *Ecorehabilitación para el barrio de Can Jofresa en Terrassa*, R+S=F: Rehabilitación + Sostenibilidad Congreso, Barcelona.
- Balanzo-Joue, R; Borrás, A; (2010) A sustainable Rural Policy of the Barcelona's Metropolitan Area, ERSA, Jonkoping Congress, Sweden.
- Balanzo-Joue, R; Borrás, A; (2009) Tres Turons Park, Citizen Participation in architecture and design, Ed City Futures in a globalizing Word Conference, Madrid.
- Balanzo-Joue, R; (2009) Casa Big Sur, "*Arquitectura y Vivienda sostenible en España*", *Vivienda unifamiliar*, Gustavo Gili Editorial, Barcelona, Spain.
- Balanzo-Joue, R; (2009) *Habitat y desarrollo sostenible en la ciudad de Barcelona. Regeneración urbana del barrio y parque de "Tres Turons*, pº 527-549 "Cohabitar, Diseño y arquitectura en el marco de la Cooperación internacional", 2009, Ed. Anna Nufrio; Atlántide Territorios y acciones, Barcelona, Spain.
- Balanzo-Joue,R; Vila-Puig, J; (2009) Listening to the landscape of our cities: Two cases studies in the Mediterranean context. The case of Barcelona and Sabadell, EURAU 2008, Congreso Europeo de Investigación arquitectónica y urbana, Madrid, Spain.

Balanzo-Joue, R; (2007) Listening to the landscape of our cities; "Sustainable development & and Planning III", Volume 2, Transactions on Ecology and the environment, Edited by Wessex Institute of Technology, Southampton, UK.

Balanzo-Joue,R. (2007) *Paysage et villes méditerranéennes: le cas de Barcelone et l'intervention urbanistique sur le site des « Tres Turons »*. REHABIMED, 1st Euro-Mediterranean Regional Conference, Barcelona, Spain.

Balanzo-Joue, R. (2004) (Collaboration) One hundred houses for one hundred European Architects of the twentieth century, Modern European Architecture Museum Net, Tashen Editors.

Balanzo-Joue, R. (1985) (Collaboration) Urban Projects for 2000, Department of Urban Design, Santa Coloma de Gramanet, Spain.

LECTURES _WORKSHOPS (Last 3 years)

2016_July	Lecture in UC Davis Summer Abroad Course, "Housing and Urbanism in Barcelona", Barcelona, Spain.
2015_February	Lecture "Urban Resilience & Arts", Maryland Institute College of Art, Baltimore, US
2014_November	Lecture "Urban Resilience Neighborhood Plan", Urban Habitat Department, Barcelona, Spain
2014_July	Lecture "Vallcarca Placemaking" Workshop, Arquitecturas Colectivas 2014 Festival, Barcelona, Spain
2014_July	Debate table "Voids Plan in Barcelona", at the Arquitecturas Colectivas 2014 Festival, Barcelona, Spain
2014_May	Lecture "Urban Resilience Thinking" at the UIA Durban 2014 Warm-Up Action without Borders Work Group Session.
2014_May	Lecture "Urban Resilience in Spain" at the Arts for Urban Resilience US-EU Symposium, MICA, Baltimore.
2014_May	Lecture "Making sense of the Holling Heuristic in urban environments: collective actions and cross scales influences in the transformation of Vallcarca neighborhood", at the Resilience and Development International Conference, Montpellier, France
2014_May	Lecture "From urban sustainability to urban resilience: Barcelona City as a Panarchy" at the Resilience and Sustainable Development International Conference, Montpellier, France
2014_May	Debate table at the the PhD Workshop on "Framing urban resilience, innovation and development" Resilience and Development Conference, Montpellier, France
2014_March	Lecture "Sustainability & Education in Spain", at the Architecture and Education Symposium Universidad Rios Piedras, UPR, Puerto Rico.
2014_Feb	Lecture "Urban Transformation and Social Pathology: Barcelona Cases Studies" at the Social Impact of the Architecture Seminar, OACU, Observatorio de Antropología del Conflicto Urbano, Barcelona University, UB.
2014_Feb	Lecture " <i>Barriers and Opportunities for Building Resilience: A Critical Assessment of Transition Initiatives in Spain</i> ". Environmental and Educational Center of the Gracia District, Barcelona
2013_July	Lecture at the Master of Public Space, University Pompeu Fabra, Barcelona
2013_July	Director of the Workshop "Resilient and Smart Cities", Pompeu Fabra University, Barcelona
2013_April	Lecture "Urban Resilience" Warm-up 2013 of the Resilience and Development International Conference, France.
2013_March	Lecture "Sustainability and Architecture in Catalonia" Erasmus Workshop of "Building with sustainable resources, Seinajoki University of Applied Sciences, Seinajoki, Finland.
2013_Feb	Lecture "Smart cities or Resilient cities? at the International Seminar of Place-Making, Governance and Proximity, Ecole d'Architecture de Montpellier, France.
2013_Jan	Lecture "Barcelona is a Resilient city?" at the CAUE, Conseil Architecture Urbanisme et Environnement du Gard, Nîmes, France.
2012_Oct	Lecturer at the «Sustainable Planning and Development» Seminar, Aix-Marseille University, France
2012_May	Lecturer at the Erasmus "Sustainability" Seminar, Université Catholique de Louvain-la Neuve, Belgium
2008_2010	University Pompeu Fabra, Barcelona School of Design and Engineering, ELISAVA. Master in Art, Design & Society, Lecture: Resilient Cities, Master <i>Design and Architecture in the context of International Cooperation</i> , Lecture: Sustainable Cities, Master in Interior Design, Lecture: Sustainability and Interior Design.

LANGUAGE SKILLS

Languages: French, Spanish, Catalan and English

The concept of urban resilience is currently applied top-down by UN-Habitat, the World Bank and Municipalities with a focus on the short-term changes caused by major disasters such as floods, hurricanes or climate migration of the population in the larger cities in both developed and developing countries. However, urban adaptation cannot only focus on short-term resilience after major disasters. It ought to also include long-term resilience so that cities adapt and transform themselves from the evolutionary learning provided by social, economic, cultural and environmental changes. By having a systemic and evolutionary vision of urban planning (Holling, 1971) at different spatial and time levels and both in the short- and long-run, urban stakeholders from both the top-down and bottom-up strategies are reshaping the urban policies towards the concept of resilience.

Based on this concept, cities (social-ecological systems) evolve as an adaptive self-organized complex system. As a consequence, sustainable development of urban systems are based on their degree of adaptability and transformability to systemic change. This capacity to adapt and transform itself of the adaptive self-organized complex system is called evolutionary resilience. Resilience is a third dimension of the adaptive cycles (Holling, 1973) and the panarchy heuristic (Gunderson and Holling, 2002). The Panarchy is a representation of the cross-scale and inter-scale networks, nested in a set of adaptive cycles experienced by the social-ecological systems to permanent changes caused by hierarchical relationships at both time and space scale and through the "revolt" and "memory" connections in order to establish a sustainable development.

The main goal of the thesis is to apply the Adaptive cycle and the Panarchy heuristic as a tool and methodology to analyze and structure the evolutionary urban dynamics and understand the characteristics of the cities to systemic changes, using the Barcelona city case study.