



MASTER OF INTERNATIONAL  
COOPERATION SUSTAINABLE  
EMERGENCY ARCHITECTURE



The **Master of International Cooperation in Sustainable Emergency Architecture** at the UIC Barcelona School of Architecture is an MSc degree that prepares architects and other professionals to **develop and rebuild communities affected by rapid urbanization, poverty, conflict and natural disasters**. It is the only masters with a joint focus on international cooperation, sustainable urban development and emergency architecture, promoting a holistic approach that integrates interdisciplinary knowledge and citizen participation and enables practitioners to manage projects in cooperation and sustainable development ranging from the urban to the architectural scale. **The program boasts a prestigious roster of international professors and collaborating institutions and forms part of the Erasmus Mundus European Cooperation Program.** Learn more at [www.masteremergencyarchitecture.com](http://www.masteremergencyarchitecture.com)

## Roca Barcelona Gallery

The **Roca Barcelona Gallery** is the result of the collaboration between the Estudio de Arquitectura OAB (Office of Architecture in Barcelona) with Borja, Lucía and Carlos Ferrater, and was opened in 2009. The **Roca Barcelona Gallery is a functional and flexible space** where the exhibition of Roca's product range coexists naturally with exhibitions, presentations, professional meetings and events of particular interest that invigorate Barcelona's sociocultural offer. Learn more at [www.rocabarcelonagallery.com](http://www.rocabarcelonagallery.com).



The **We Are Water Foundation** has two key goals in mind. The first one is to promote **awareness and encourage debate** among the public and organisations on the need to create a new culture for water, to enable the equitable development and sustainable management of the world's water resources. The second goal is to carry out a whole host of actions to counter the negative effects of the lack of adequate water resources. The foundation's fields of activity include **involvement in infrastructure, education, health and research**, concentrated in the world's most deprived areas.

## Roca Barcelona Gallery

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Roca Barcelona Gallery

# DEVELOPMENT BY DESIGN

2<sup>nd</sup>  
edition

## CONFERENCE CYCLE

DECEMBER 1<sup>ST</sup> 19h

ALEJANDRO HAIK  
Grassroots Urbanism:  
New Leadership in  
Architectural Practice

JANUARY 16<sup>TH</sup> 19h

CLARA IRAZABAL  
Housing Brazil's  
Precariat: Movements  
in Spatial Justice

FEBRUARY 2<sup>ND</sup> 19h

ERIC CESAL  
Unnatural Disasters  
and the Future  
of Resilience



[www.rocabarcelonagallery.com](http://www.rocabarcelonagallery.com)



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# DEVELOPMENT BY DESIGN

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CONFERENCE CYCLE

Organized by Roca in association with the Master of International Cooperation in Sustainable Emergency Architecture at the UIC School of Architecture Barcelona, the second edition of **Development by Design** aims to highlight the role of architects and planners in the context of poverty, **disaster, conflict** and **rapid urbanization**.

If “starchitecture” isn’t dead, then it has surely been rendered irrelevant in a world struggling to **provide decent living conditions to at least a quarter of the world’s population**. A growing network of architects and urban planners are busy tackling the challenges posed by realities such as unprecedented urban growth, **climate change and conflict**, grasping them as opportunities to build a more just and sustainable future. As such, resilience, sustainable urban development, the effects of **mass migration on cities**, community participation, post-disaster response and disaster risk reduction are key issues within our master’s course that merit emphasis beyond the classroom and that today more than ever resonate with urban practitioners and the general public.

In a series of talks to be held between December and February, three guest speakers will **talk about their work with affected communities across the world**, highlighting new approaches to the provision of shelter, housing, spatial justice and resilience.

Organized by:

**Roca**

MASTER OF INTERNATIONAL  
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In collaboration with:

**we are water**  
Foundation



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**Alejandro Haiek is a Venezuelan architect and cofounder of LAB.PRO.FAB**, a laboratory for projects and fabrication which collaborates on community-led initiatives in the informal barrios or quarters of Caracas. His bottom-up approach leverages existing participatory frameworks, reactivates underused urban spaces and connects technical expertise with local intelligence to build socio-productive spaces in low-income areas. The lab won the International Award for Public Art in 2013 for the Tiuna El Fuerte Cultural Park, participated in the 15<sup>th</sup> Venice Biennale, and was most recently nominated for the 2016 Mies Crown Hall Americas Prize.

**Spanish session**



**JANUARY 16<sup>TH</sup> 2017 – CLARA IRAZABAL**

**Housing Brazil’s Precariat: Movements in Spatial Justice**

In Brazil, social housing movements led by the country’s precariat – the urban poor – are seizing vacant buildings and land to create their own access to decent housing in lieu of the government’s failure to do so. Based on an ethnographic study of several squats in Rio de Janeiro and Sao Paulo this year, Clara Irazabal analyzes how these collective movements propose a valid alternative planning model that can serve as a vehicle for restorative justice.

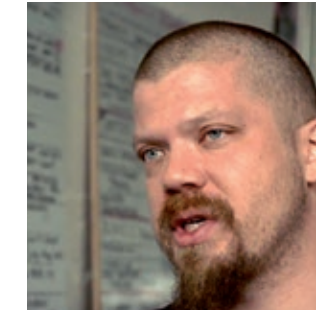
**Clara Irazabal is Director of the Latina/o Studies Program and Professor of Planning in the Department of Architecture, Urban Planning + Design at the University of Missouri, Kansas City.** She was previously Associate Professor of Urban Planning and Director of the Latin Lab at the Graduate School of Architecture, Planning and Preservation at Columbia University, New York. In her research and teaching, she explores the interaction between culture, politics, and placemaking, and their impact on community development and socio-spatial justice in Latin American cities and Latino and immigrant communities.

**English session**

**DECEMBER 1<sup>ST</sup> 2016 – ALEJANDRO HAIK**

**Grassroots Urbanism: New Leadership in Architectural Practice**

*Participation* may be the new mantra among architects today, but it is still a rare thing for communities to play an active and moreover equal role in the design and construction of their own spaces. Through examples of his collaborations with impoverished communities across Caracas, Alejandro Haiek illustrates how a democratic approach to placemaking can unlock the potential of marginalized communities and strengthen their agency in the process.



**FEBRUARY 2<sup>ND</sup> 2017 – ERIC CESAL**

**Unnatural Disasters and the Future of Resilience**

As the world faces an escalating threat of disaster, the solutions for resilience seem obvious: build better and smarter, and invest in infrastructure. Yet we often ignore common sense approaches and build ever-higher levels of risk into our constructed and natural environments. In his talk, Eric Cesal will explore contemporary contradictions in the approach to disaster and resilience, dissecting the social, legal and economic forces that build risk into our urban environments, focusing on architects, planners and citizens alike.

**Eric Cesal is an analyst, writer, designer, builder and humanitarian based in San Francisco, CA.** He grew up in Washington, D.C. and holds an undergraduate degree in Architectural Studies from Brown University and Master’s Degrees in Architecture, Construction Management and Business Administration from Washington University in St. Louis. He was the last Executive Director for Architecture for Humanity, having worked with the organization since 2006, and he managed its Haiti Rebuilding Center from 2010-2012. His book, *Down Detour Road: An Architect in Search of Practice*, is a memoir/manifesto that is widely acknowledged as a roadmap for 21st century architecture.

**English session**

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