



Barcelona
Resilience
Week

UNHABITAT
FOR A BETTER URBAN FUTURE

BARCELONA RESILIENCE WEEK

11—16 Nov 2018

Building Sustainable and **Resilient** Cities



#BRW18



With the financial support of



11
16
NOVEMBER
—
BARCELONA,
SPAIN

Welcome to Barcelona Resilience Week

During this week, Barcelona is the centre of global discussions on resilience as representatives from over 70 countries come together to advance **awareness, knowledge and action on resilience**.

We will hear from governments, NGOs, development actors, civil society groups, academia and think tanks on the latest resilience building initiatives and how we can collectively scale up action.

By coming together and exchanging experiences, we are helping address global urban challenges and working towards the achievement of the Sustainable Development Goals, New Urban Agenda, Sendai Framework for Disaster Risk Reduction and Paris Agreement.

Continue discussions online with **#BRW18** and follow **@UResilienceHub** for updates.




PROGRAMME

2018




BARCELONA RESILIENCE WEEK

11—16 Nov 2018

Building Sustainable and Resilient Cities

Sunday 11	📍 Sant Pau Art Nouveau Site	
	🕒 09:00 - 17:30	Making Resilient Cities Campaign Steering Committee Meeting (by invitation)
	🕒 18:30	Welcome cocktail with guided visit of Sant Pau Art Nouveau Site 

Monday 12	📍 Sant Pau Art Nouveau Site	
	🕒 From 08:30	Registration
	🕒 09:30 - 10:30	Opening Session 
	🕒 10:45 - 11:15	Keynote: A perspective from Gaza - Urban and Social Resilience 
	🕒 11:30 - 13:00	Resilience Dialogue 1: Climate Action and Resilience 
		Resilience Dialogue 2: Upgrading from Informality towards Resilience 
	🕒 13:00 - 14:30	Networking Lunch
	🕒 15:00 - 17:00	Workshop: New Resilience Challenges 
	🕒 18:30	Presentation of the Intensive Programme In Designing Policies for Resilience, by Elisava 

-  Resilient Dialogues
-  Workshops and Sessions
-  Social Events and Site Visits

Tuesday 13

📍 Fira de Gran Via

🕒 9:30 - 11:00	Resilience Dialogue 3: Governance, Decentralization and Resilience	●
🕒 11:30 - 13:30	Masterclass: Peer review tool on DRR at local level, by UNISDR	⬢
🕒 13:00 - 13:30	Building Stronger and Resilient Communities: Block by Block project	⬢
🕒 13:30 - 14:00	Presentation of the Resilient Cities Series publication: Urban Resilience for Risk and Adaptation Governance, by Catedra UNESCO	⬢
🕒 14:00 - 15:30	Resilience Dialogue 4: Social Resilience	●
🕒 15:30 - 15:45	Exploring the potential of Water Operator Partnerships - an elevator pitch by GWOPA	⬢
🕒 17:15 - 19:15	Resilient Cities Session at Smart City Expo and World Congress	⬢

Wednesday 14

📍 Fira de Gran Via / UCLG HQ

🕒 11:30 - 13:00	Resilience Dialogues 5: Humanitarian Urban Crises	●
🕒 13:00 - 14:00	Presentation of Guidelines on Resilient Reconstruction Housing, by AXA and UN-Habitat	⬢
🕒 15:30 - 17:30	City Perspectives on Resilience: challenges, opportunities and practice (by invitation), by UCLG and UN-Habitat	⬢

Thursday 15

📍 Espai Endesa

🕒 10:00 - 11:30	Resilience Dialogues 6: Innovative Partnerships for Sustainable and Resilient Cities	●
🕒 15:00 - 18:30	Site Visits	◆

📍 Sant Pau Art Nouveau Site

🕒 15:00 - 18:30	Inclusive Digital Transition in Cities Working Group	⬢
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Friday 16

📍 Sant Pau Art Nouveau Site

🕒 10:00 - 13:00	Workshops (by invitation)	⬢
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RESILIENCE
DIALOGUES



RESILIENCE
DIALOGUES





OPENING SESSION

Monday 12th November

09:30 - 10:30

Pau Gil, Sant Pau Art Nouveau Site

The opening will provide context to urban resilience through contributions from the host-city Barcelona, an example of resilience building, and international organizations with expertise in urban and risk reduction challenges.

Speakers

Ms. Christine Musisi, Director of the External Relations Division, UN-Habitat

Mr. Lars Gronvald, Head of Section Cities, European Commission-DEVCO

Ms. Mami Mizutori, UN Special Representative of the Secretary-General for Disaster Risk Reduction, UNISDR

Mr. Manuel Valdés, Deputy Manager of Infrastructures and Urban Coordination, Barcelona City Council

KEYNOTE

Monday 12th November

10:45 – 11:15

Pau Gil, Sant Pau Art Nouveau Site

A Perspective From Gaza: Urban and Social Resilience

Gaza is an exceptional social, political and economic space full of extraordinary paradoxes. It is home to 1.6 Palestinians and one of the most resilient societies in today's world.

This keynote will address the resilience story of Gaza from a social perspective and the functioning of the city.

Speaker

Mr. Mohammed Abdalfatah (Al-Halabi), Director of International Cooperation, Municipality of Gaza

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The session will be in English and Spanish with simultaneous interpretation.

RESILIENCE DIALOGUES 1: CLIMATE ACTION AND RESILIENCE

Monday 12th November

11:30 - 13:00

Pau Gil, Sant Pau Art Nouveau Site

From altered weather patterns to rising sea levels and more extreme meteorological events, the bearings of climate change impact on people's wellbeing and livelihoods in different ways. In a rapidly urbanizing world, promoting effective climate action in cities and recognizing that sustainable and resilient urban development cannot be achieved or sustained without mitigation and adaptation measures is essential. This dialogue will address key concerns, issues and approaches to push forward Climate Action for Resilience.

Speakers

Mr. Albert Sandy Daniel, Honourable Lord Mayor of Port Vila, Vanuatu
Mr. Alessandro Attolico, Executive Director, Province of Potenza, Italy
Ms. Ares Gabàs, Chief Resilience Officer, Barcelona City Council, Spain
Ms. Laia Romero, Operations and Strategy Director, ISARDSAT - Satellite data for climate action
Mr. Mikhail Vorobev, Deputy Mayor on Economy and Finance, Yakutsk City Council
Mr. Stelios Diakoulakis, Deputy Regional Director for Europe, C40

Moderator

Ms. Megan Rowling, Journalist, Thomson Reuters

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The session will be in English, Spanish and Russian with simultaneous interpretation.

Moderator



MEGAN ROWLING
Journalist, Thomson Reuters

Megan is a text, online and broadcast journalist with more than two decades of experience, based in Barcelona. For the past two years, she has led the growth of Zilient.org, a news and community website for global resilience practitioners, in partnership with The Rockefeller Foundation. She has worked with the Thomson Reuters Foundation (TRF) since 2005, specialising in humanitarian and sustainable development issues. She initiated TRF's climate change coverage, which has expanded into an award-winning news service delivering content to Reuters clients and beyond. Megan has an MSc in development management. In 2016, she won a U.N. Foundation award for coverage of disaster risk reduction and climate change.



Speaker



ALESSANDRO ATTOLICO

Executive Director, Province of Potenza, Italy

As a local government manager, Alessandro is responsible for orienting political decision-making processes, drawing and implementing plans, programs, projects, actions on territorial and environmental policies at local level and in regional, national, international contexts. He holds extensive expertise and experience in territorial SustDev, DRM/DRR and Climate and a multi-years engagement in decision-making and policy-orienting processes.

Among the main achievements, the set-up of the first Civil Protection System for the Province of Potenza (2004) and the drawing of the Provincial Master Plan (TCP, 2013) outlining governmental proposals for broad risk-oriented SDGs implementation over the provincial territory (#weResilient). Based on this, the Province of Potenza is currently playing as UNISDR World Role Model for "Inclusive Resilience and Territorial Safety" (2015), Community Champion "Knowledge for Life" - IDDR2015 (2015), EU Covenant of Mayors for Climate and Energy Coordinator (2016) addressing and coordinating 100 Municipalities with Local Communities. In June 2018, the Province of Potenza has been selected by Cities Alliance among the five global best practices that take an integrated approach to the Agenda 2030 Follow-up and Review (FuR) process.

Speaker



ARES GABÀS

Chief Resilience Officer, Barcelona City Council, Spain

Head of the Resilience Department under the Infrastructure and Urban Coordination Management of Barcelona City Council since November 2013. Responsible for the development of the resilience strategy and project implementation carried out through of the Resilience Boards (TISU). With a background in architecture and public space design, has been working for the municipality of Barcelona since 2006. Before joining the Resilience Program in September 2012 was previously engaged to the 22@ District transformation project, an integrative urban renewal process of the former industrial area of Barcelona.

Architect from the Architecture School of Barcelona (2005), UPC (Polytechnic University of Catalunya). Previous working experience include working for several architecture and landscape architecture studios mostly focused on the development of urban transformation and public space projects.

Speaker



LAIA ROMERO

Operations and Strategy Director, ISARDSAT - Satellite data for climate action

Laia Romero is isardSAT Group Director of Operations and Strategy. She is responsible for the Earth Observation Services Unit, and her work focuses on satellite data and artificial intelligence for climate action.

Over the last 13 years she has worked extensively in Earth Observation with radar technologies, in the development of applications, deployment and execution of environmental services to support the implementation of legislation for governments and international corporations, and has contributed as a research scientist to several new satellite mission studies for the European Space Agency.

Speaker



STELIOS DIAKOULAKIS

Deputy Regional Director for Europe, C40

Stelios Diakoulakis has studied Economics at the Athens University of Economics and Business and holds a master's degree in European Studies from the University of Reading, UK. Prior joining C40, Stelios worked as Senior EU Policy and International Affairs Advisor to the Mayor of Athens serving, among others, as the City of Athens primary contact to C40. He has significant experience in European politics on various fields having offered his services for many years in the European Parliament and the Greek Foreign Ministry.

RESILIENCE DIALOGUES 2: UPGRADING INFORMALITY TOWARDS RESILIENCE

Monday 12th November

11:30 - 13:00

Sala Sant Pau 1

The number of urban residents at risk is increasing as rapid urbanization continues to result in sprawl and/or densely populated informal settlements in hazard-prone areas. When cities face sudden shocks (natural or human-made), unplanned urban areas are hit the hardest as they often suffer from underlying or pre-existing stresses and there is a shortage of knowledge about the area or how to respond. In cities with high informality, local capacity and resources may not be sufficient to prepare for and react to risk. This dialogue will explore approaches to understand informality from a resilience perspective.

Opening Remarks

Mr. Musa Kulaklikaya, Director General of SESRIC
(Statistical, Economic and Social Research and Training Centre for Islamic Countries)

Speakers

Mr. Braulio Eduardo Morera, Director of Strategy Delivery, 100 Resilient Cities
Mr. Erhan Türbedar, Researcher, SESRIC
Mr. Marcos Cáceres, Advisor for Social Affairs, Asuncion City Council, Paraguay
Mr. Osvaldir Rodrigues, Architect, Praia City Council, Cape Verde
Ms. Sara Márquez, Arquitectura Sin Fronteras & Mr. César Cuinguara, Informal Settlements, Maputo City Council, Mozambique

Moderator

Ms. Carmen Mendoza, Assistant Director of the Barcelona School of Architecture,
UIC Universitat Internacional de Catalunya

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The session will be in English and Spanish with simultaneous interpretation.

Moderator



CARMEN MENDOZA

Assistant Director of the Barcelona School of Architecture,
UIC Universitat Internacional de Catalunya

Architect. PhD in Urban Design and Planning. She combines teaching and research on design processes which incorporate a socio-spatial approach and the needs of local communities. Recently her research encompasses reconstruction and urban resilience in the field of emergency architecture and post-conflict situations. In this line she is supervising research and focusing on methodologies for the physical and social integration of refugees. She has developed plans, projects and research in the Metropolitan Region of Barcelona, and informal settlements in Latin America.



Speaker



MARCOS CÁCERES

Advisor for Social Affairs, Asuncion City Council, Paraguay

Marcos is an expert in the statistics area with a background of planning, design of surveys and censuses, sampling, construction of bases, indicators and social variables. He is the current planning advisor of the Risk and Disaster Management Department of the Municipality of Asunción. Previously, he coordinated and planned the relocation of victims to temporary shelters due to flooding of the Paraguay river in 1983, 1992, 1995, 2015 and 2018. He participated in the technical department for the Urban Master Plan for the City of Asunción (1995) and its update in 2017, and for the Asunción Strip from 1993-1995.

He has developed different statistical studies related to People Management Index, the situation of children, teenagers and women in Paraguay, etc. Also, he coordinate a variety of censuses in rural communities of the Department of San Pedro and in indigenous communities of the Jejui river Basin, Ache ethnic group.

Speaker



SARA MÁRQUEZ

Arquitectura Sin Fronteras

Master's Degree of Architecture from Polytechnic University of Madrid, Specialized on "Human Settlements in Developing Regions" at UNESCO Chair of Basic Habitability. She has studied at the Balkrishna Doshi's Vastu Shilpa Foundation in Ahmedabad, India and at Istituto Universitario di Architettura di Venezia, Italy.

She has worked for Spanish Agency for Development both in Heritage, Vocational Training and Culture for Development Programs in Venezuela (2010), Niger (2011), and Guatemala (2012). Co-founder of Programa Vaca (2013-2016) where she supported the community construction of several buildings with natural materials in rural areas of India and Mexico. Since 2014 she lives in Mozambique, first working with GIZ as a consultant at the Ministry of Public Works and then coordinating Architects Without Borders project's on Mobility and Slum Up-grading in Maputo. As a researcher she is developing the concept of "human building" as the attitude to build with and for the people in the limits of the planet.

Speaker



BRAULIO EDUARDO MORERA

Director of Strategy Delivery, 100 Resilient Cities

He is an urbanist and designer with a background in architecture and social sciences. He trained as architect at the Pontifical Catholic University of Chile and obtained a MSc in City Design and Social Science at the London School of Economics. He is currently a PhD Candidate in Human Geography at University College London.

His professional experience in cities includes major urban plans in Asia and Europe; strategic advice for planning, sustainability and development projects in Argentina, Brazil, Chile, Colombia, Haiti, Malaysia, Panama, Peru, Singapore, Spain, Netherlands, Nicaragua, Trinidad & Tobago, Turks and Caicos; and international organisations including UN agencies, International Federation of Red Cross and Red Crescent Societies, Cities Alliance and the Rockefeller Foundation. Prior to joining 100 Resilient Cities he was part of Arup International Development where he coordinated the development of the City Resilience Framework and City Resilience Index. In his current role he leads 100RC's Strategy Delivery unit which provides technical assistance to cities, Chief Resilience Officers and external partners during the development of their resilience strategies and their implementation.

Speaker



OSVALDIR RODRIGUES

Architect, Praia City Council, Cape Verde

Graduated in Architecture and Urban Planning from the Federal University of Bahia (UFBA), Brazil. From 2013 to 2017 he was the Urban Management Director of Praia City. Previously, he had experience in the private sector in Tecnici Construção as a Chief Project Management Office in the execution of Urbanization on Sao and Santiago islands, Cape Verde.

From 2007 and 2013 he developed several projects in the area of Architecture and Urbanism in Cape Verde islands, Brazil and Sao Tome e Principe.

RESILIENCE DIALOGUES 3: GOVERNANCE, DECENTRALIZATION AND RESILIENCE

Tuesday 13th November

09:30 - 11:00

CC1. Room 1.4, Fira de Gran Via*

Analyzing decentralization in terms of local governments responsibilities, planning and financial capacity is key for building city resilience. Local governments have a unique role in promoting, ensuring and maintaining urban resilience as they are responsible for a number of key processes related to the functionality of the city. In many cases, local governments are the first line of response in crisis situations and must coordinate efforts among local and national actors. This dialogue will explore how local governments are working local, regional and national partners to build resilience.

Speakers

Mr. Alfredo Martinez, Mayor of Santo Domingo Este, Dominican Republic
Mr. Agustí Serra, Secretary for Land and Sustainability, Generalitat de Catalunya
Ms. Emilia Saiz, Secretary General, UCLG
Mr. Guilherme Johnston, Resilient Cities Program Global Coordinator, ICLEI
Mr. Joan Clos, Former Executive Director of UN-Habitat

Moderator

Mr. Nicola Tollin, Prof. on Urban Resilience, University of Southern Denmark

The session will be in English and Spanish.

* Sessions held in East Agora and CC1 Room will only be accessible for Smart City Expo pass holders. Please contact the Barcelona Resilience Week Secretariat to find out how you can access these sessions.

Moderator



NICOLA TOLLIN

Prof. on Urban Resilience, University of Southern Denmark

Dr Nicola Tollin is Professor with special responsibilities in Urban Resilience at University of Southern Denmark, and Executive Director of RESURBE International Program on Urban Resilience, led by Recycling Cities Network RECNET, which he co-founded.

He has 20 years of international experience in research, capacity-building, education on sustainable development, resilience, climate change, circular economy and innovation focusing on cities and regions. He has coordinated/participated in urban development projects worldwide, including 13 EU funded, in several countries including Colombia, Philippines, Argentina, Chile, Mexico, Brazil.

Speaker



ALFREDO MARTINEZ

Mayor of Santo Domingo Este, Dominican Republic

Alfredo Martínez started his political career as a deputy in the Dominical Liberation Party "Partido de la Liberación Dominicana (PLD)". He was president and member of the Commission of Electoral Affairs, member of the Finance Commission and the commission of Dominicans Abroad.

Regarding its legislative activity, it can be said that it has placed more emphasis on the areas of Public Contracting, Sports and Recreation, Cooperatives and Non-Governmental Organizations.

He created the "Community Initiative Foundation (ICO)", whose social work focuses on providing computer, office and English training to young people in the community through the Juan Antonio Valdez Training Center.



Speaker



AGUSTÍ SERRA

Secretary for Land and Sustainability, Generalitat de Catalunya

Architect from the Architecture School of Barcelona (2005), UPC (Polytechnic University of Catalunya). He is responsible of urban policies in areas such as Urban Agenda of Catalonia, social housing or territorial planning, among others.

Speaker



EMILIA SAIZ

Secretary General, UCLG

Emilia Saiz studied European Studies and Law, specializing in International Law with a master's degree in Local governance in the Information Society.

She has worked in the founding organization of UCLG, IULA, since 1997. She has led programmes dedicated to institutional capacity building, women's empowerment and decentralized cooperation.

She is currently Secretary General of United Cities and Local Governments (UCLG) and Co-Chair of the Gender Programme of Cities Alliance.

She also facilitates the Global Taskforce of Local and Regional Governments and the inputs of the constituency to the UN process.

Speaker



JOAN CLOS

Former Executive Director of UN-Habitat

He is a medicine graduate from the Universidad Autònoma de Barcelona (UAB) and specialized in Public Health and Epidemiology at the University of Edinburgh (Scotland).

He held the UN-Habitat office from October 2010-December 2017. During his mandate, Dr. Clos led the process of elaboration of the New Urban Agenda, and he was appointed Secretary-General of the United Nations Conference on Housing and Sustainable Urban Development (Habitat III).

He was twice elected Mayor of Barcelona, serving two terms from 1997 until 2006. He was Minister of Industry, Tourism, and Trade of Spain between 2006 and 2008. Prior to joining the United Nations, he served as the Spanish Ambassador to Turkey and Azerbaijan.

In 2016, he was honored with the Jane Jacobs Medal by the Rockefeller Foundation in recognition of his leadership with the New Urban Agenda.

Speaker



GUILHERME JOHNSTON

Resilient Cities Program Global Coordinator, ICLEI

Guilherme currently supports and guides all activities that fall under the ICLEI Resilient Cities strategy. Prior to joining this position, he worked for cities related organisations like Future Cities Catapult and 100 Resilient Cities in London. Guilherme has also worked for the UK Foreign and Commonwealth Office (FCO) in Brazil on projects supporting cities and states to improve their urban infrastructure and greening of major events such as the 2014 World Cup and the 2016 Rio Olympics. He has also worked on projects related to waste to energy, and GHG inventories in Tunisian and Latin American Cities. He holds a Bachelor's Degree in International Relations from the Catholic University of Sao Paulo in Brazil.

**RESILIENCE DIALOGUES 4:
SOCIAL RESILIENCE**

Tuesday 13th November

14:00 - 15:30

East Agora, Fira de Gran Via*

Building urban resilience takes multiple forms, but must inevitably seek to improve the lives of all people and maintain development gains when cities face shocks, stresses and challenges. The urban poor are exposed to greater risks than their wealthier counterparts and often lose a greater share of their assets or resources in the process. Vulnerable groups such as indigenous populations, women, the elderly and the disabled often lack the necessary safety nets to recover from shocks. This dialogue will focus on the measure necessary to ensure urban resilience measures reach and work for all city inhabitants.

Speakers

- Mr. Emil Boc, Mayor of the City of Cluj-Napoca, Romania
- Mr. Erick Elysio Reis Amorim, Teresina City Council, Brazil
- Mr. Luis Nhaca, Councillor for urban planning and environment, Maputo City Council, Mozambique
- Mr. Luis Carvalho, Coordinator Civil Protection, Amadora City Council, Portugal
- Mr. Mourade Gueye, Secretary General, Dakar City Council
- Mr. Sebastià Riutort, Responsible for UrbInclusion Programme, Barcelona City Council

Moderator

Ms. Anamaria Vrabie, Director Cluj Innovation Fund

The session will be in English.

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Moderator



ANAMARIA VRABIE
Director Cluj Innovation Fund

Anamaria Vrabie is an urban economist and local development professional. She holds a BA from the Academy of Economic Studies in Bucharest and an MA in International Affairs as a Fulbright Scholar at The New School New York. She is a member of several international networks, including Global Shapers of the World Economic Forum and BUILD of the German Marshall Fund.

In the past 8 years Anamaria consolidated organizations and new modes of action for urban and regional development practice in Central and Eastern Europe, acting as co-founder the company MKBT: Make Better and lead expert for the URBACT program and the World Bank. Her work has led to urban development plans, concepts and frameworks for urban regeneration, educational programmes and new funding mechanisms for urban innovation.

Currently, she is Director of Cluj 2.1| The Innovation Fund, a mechanism for supporting urban innovation in the area of urban mobility, housing and future of jobs.



Speaker



EMIL BOC

Mayor of the City of Cluj-Napoca, Romania

Major in Law and also in History and Philosophy, Emil Boc has a Ph.D in Political Science and Political Philosophy. Mr. Boc was the president of the Democratic Liberal Party (December 2004 -June 2012).

He served as Prime Minister of Romania from December 2008 to February 2012. He is a member of the American Political Science Association since 1994 and a member of the Romanian Society of Political Science since 1999. At present, he is an associate professor at the Faculty of Political, Administration and Communication Science, Babeş-Bolyai University, Cluj-Napoca.

In 2017 he was awarded by the European Commission and Open Innovation Strategy and Policy Group with the prize for "Creating a Strong Innovation Landscape", during the Luminary Award Gala of the Open Innovation 2.0 Conference.

Speaker



ERICK ELYSIO REIS AMORIM

Teresina City Council, Brazil

Erick has a degree in Economics and a Master's Degree in Economics of the Public Sector by the University of Brasilia, he also hold an MBA in Public Private Partnership and Concessions by the Foundation School of Sociology and Politics in Sao Paulo in collaboration with London School of Economics.

He is the Chief Executive Officer of the Municipal Secretariat of Planning and Coordination in Teresina, Brazil, where he is Responsible for coordinating and controlling the fiscal and budgetary administration of the City, as well as lead city planning, the SDG-Agenda 2030. Previously, he worked in different position in different departments within the Municipal Secretariat in Teresina for example at Concessions and Partnerships and Water and Sewage.

Speaker



LUIS CARVALHO

Coordinator Civil Protection, Amadora City Council, Portugal

Luis has a degree in geography and a master degree in urban planning and risks by New University of Lisbon. He joined the Municipality of Amadora in April 2005 and leads projects related to emergency procedures, awareness programs and risk assessment processes.

He is the Local Focal Point (Amadora) and the National Advocate (Portugal) for "Making Cities Resilient Campaign" (United Nations International strategy for Disaster Reduction – UNISDR)

**RESILIENCE DIALOGUES 5:
HUMANITARIAN URBAN CRISES**

Wednesday 14th November

11:30 a 13:00

East Agora, Fira de Gran Via*

Resilience lies at the core of the humanitarian-development nexus, bridging two often disparate agendas. Ingraining resilience across the city and in the institutions that govern it reduces risks by increasing capacity. Addressing vulnerabilities in the city decreases fragility and mitigates impacts, hereby enhancing effective and forward-thinking response. This dialogue will explore the shared ground between resilience, humanitarian action and development.

Speakers

- Ms. Asma Charfeddine, Assistant Programme Officer, UN-Habitat Libya and Tunisia Programme
- Mr. Dan Lewis, Resilient Livelihoods in Post-Conflict Cities. Expert, West Coast International and Cardiff University
- Mr. Jorn Owre, Advisor, NORCAP/Norwegian Refugee Council
- Ms. Maggie Stephenson, Specialist on Resilient Housing Reconstruction
- Mr. Mohammed Abdalfatah (Al-Halabi), Director of International Cooperation, Municipality of Gaza

Moderator

Mr. Havard Breivik, Coordinator of the Global Alliance for Urban Crises

The session will be in English.

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Moderator



HAVARD BREIVIK
Coordinator of the Global Alliance for Urban Crises

HÅVARD BREIVIK is an architect and member of the Norwegian Refugee Council's emergency standby roster, NORCAP. With over eight years of experience of crisis response, humanitarian relief, and development efforts, Håvard has been deployed to United Nations agencies in Haiti, Nepal, Macedonia, Hungary, and New York. Håvard is currently the Coordinator of the Global Alliance for Urban Crises Secretariat. He is also responsible for the Master's course In Transit at the Oslo School of Architecture and Design (AHO), while serving on the NORCAP roster. He holds a Master's degree in Architecture from AHO's Institute of Urbanism and Landscape.

Speaker



ASMA CHARFEDDINE
Assistant Programme Officer, UN-Habitat Libya and Tunisia Programme

Assistant Programme Officer at UN-HABITAT, working on Libya and Tunisia Programme. INAT University Graduate in Environmental Engineering. Key member of the GIS unit team, ensuring data quality and information coherence of the Libya Rapid City Profiling project in six cities. Prior to that, Asma has been part of the UN humanitarian missions in Libya for three years and participated actively in the international efforts of monitoring needs and priorities across Libya through the DTM- at International Organization for Migration and MSNA- at United Nations Population Fund assessments.



Speaker



DAN LEWIS

**Resilient Livelihoods in Post-Conflict Cities. Expert,
West Coast International and Cardiff University**

Previously, since 1997, he held both field and headquarters functions in UN-Habitat. He was posted in Somalia, Kosovo, Nairobi and Barcelona and managed the global portfolio of disaster and conflict and implementing the global Urban Resilience Programme.

As a civil engineer and private consultant, he worked in urban development, reconstruction and housing programmes in South Africa and Chile as well as with First Nations communities in his home region on Vancouver Island, Canada since 1987.

WCI is currently working with universities in the UK and Spain, the UN in multiple cities addressing urban resilience, and with NGO partners in several countries on programming related to climate induced displacement, and a legal and human rights review of housing, land and property rights in Nepal following the 2015 earthquake.

Speaker



JORN OWRE

Advisor, NORCAP/Norwegian Refugee Council

Jørn C. Øvre is one of the founding members of the Global Alliance on Urban Crisis.

His contribution to the development of humanitarian response mechanisms in urban crisis has been focusing on Consolidation and Coordination, Capacity Framework, Knowledge management, Capacity Building, Tools and Guidance and Surge Capacity.

He works as a deployment adviser to UN agencies at headquarters level and has previously been the Project Manager for Urban Responses, Sites and settlements in the Norwegian Refugee Council: NRC-NORCAP/ Global CCCM Cluster. He is currently also working for Innovation Norway implementing a new internationalization program called Global Growth, for companies with solutions that contribute towards global challenges. With support from the NMFA, the aim of this program is to serve the global development and humanitarian markets and providing national authorities globally with innovative solutions to sustainable growth and poverty reduction.

Speaker



MOHAMMED ABDALFATAH (AL-HALABI)

Director of International Cooperation, Municipality of Gaza

Mohammed Abdalfatah currently serves as the Director of International Cooperation at the City of Gaza since 2003. He is responsible for establishing and promoting relations between Gaza City and foreign cities and maintaining extensive range of contacts with donor agencies and international organizations. Mohammed was previously a Desk Officer at the Eastern European Department at the Ministry of Planning and International Cooperation, focusing on relations between the Palestinian Authority and Central and Eastern Europe.

Working for extended time in the field of international cooperation in Gaza, within a local context, has given him experience of the impact of the conflict on people's daily lives during different political realities.

Mohammed holds a Post-Graduate Diploma in Management of Local Development from the International Training Centre, International Labour Organization in Turin and earned his B.A in German Language and Literature from Ain Shams University in Cairo, Egypt. He was a full time Visiting Research Fellow at King's College London, UK in 2014.

RESILIENCE DIALOGUES 6: INNOVATIVE PARTNERSHIPS FOR SUSTAINABLE AND RESILIENT CITIES

Thursday 15th November

10:00 - 11:30 / Site Visit from 11:30 to 12:15

Espai Endesa

The 2030 Agenda acknowledges the invaluable contribution of partnership in achieving its vision and mission, highlights the role of international organizations, the private sector, academia, civil society, and citizens. This dialogue will consider how partners from different sectors and at different scales can and have come together to build sustainable and resilient cities and explore the opportunities for scale-up.

After the Dialogue there will be a visit to the Control and electrical network management centre.

This visit includes the central headquarters of Endesa, the eParking Office of Endesa's Central Catalonia Division of Distribution (which includes 30 charging points for electric vehicles), and the Control Centre that manages Endesa's high-, medium- and low-voltage power grid in Catalonia.

Speakers

Mr. Alexey Golubev, Mayor of Sarov, Russia

Ms. Aslihan Albostan, Research Analyst, UNDP International Center for Private Sector in Development

Mr. Carlos Lafoz Naval, Head of North Iberia Network Operation, Endesa Distribution

Ms. Doris Ombara, City Manager, Kisumu City Council, Kenya

Ms. Maria Jose Chesa, Head of External Relations, Barcelona Water Cycle, Barcelona City Council

Ms. Montse Martínez, Director R+D+I, Suez Advanced Solutions

Moderator

Mr. Doudou Mbye, Head of Partnerships and Advocacy of UN-Habitat

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The session will be in English.



Speaker



ALEXEY GOLUBEV
Mayor of Sarov, Russia

Alexey is a Doctor in Sciences in Physics and Mathematics at RFNC – VNIIEF. From 1981 to 1998, he held a variety of scientific positions starting from engineer and junior scientist to lead a Research Department at RFNC-VNIIEF. Alexey was the Deputy Director for Industrial Partnership in the Center for International Relations in the Russian Federal Nuclear Center where he was responsible for development co-operation with industrial partners and implementation of co-operative programmes in creating civil jobs for former scientists and engineers, nonproliferation of nuclear weapons technologies and defense conversion, including US NNSA Global Initiative for Proliferation Prevention (Nuclear Cities Initiative, Initiative for Proliferation Prevention) and International Science and Technology Center projects.

Since 1995 implemented several projects for Sandia National Laboratories, Lawrence Livermore National Laboratory, Los-Alamos National Laboratory, Kansas City Plant, International Atomic Energy Agency, International Science and Technology Center, US DOE Initiative for Proliferation Prevention and Nuclear Cities Initiative.

Speaker



ASLIHAN ALBOSTAN
Research Analyst, UNDP International Center for Private Sector in Development

Aslihan Albostan was born in 1982 in Ankara, Turkey. She received her BSc degree in Civil and Environmental Engineering from Istanbul Technical University. She had her master and PhD studies in the same university on Energy Management.

After obtaining the PhD degree, she worked for Georgia Institute of Technology as a Visiting Scholar and carried out a research on Population Models on Urban and Rural Migration. She is currently working for UNDP Istanbul International Center for Private Sector in Development. She has several international publications.

Speaker



DORIS OMBARA
City Manager, Kisumu City Council, Kenya

Ms. Doris Ombara is responsible for directing a variety of administrative processes that allow the city to operate. She implements and oversees policies crafted by the city as per the Urban Areas and Cities Act.

She also provides city services by establishing and improving a functional structure; delegating authority. She maintains city staff by selecting, orienting, and training employees. She also maintains city staff job results by coaching, counselling and disciplining employees; planning, monitoring, and appraising job results.

Doris often serves as the chief liaison between elected officials and the members of the public. The officials are elected to serve. She attends County cabinet meetings and issues reports on policy, budget and other public information to the concerned audience, which largely consists of citizens.



**RESILIENCE WORKSHOPS
AND SESSIONS**



**RESILIENCE WORKSHOPS
AND SESSIONS**





WORKSHOP: NEW RESILIENCE CHALLENGES

Monday 12th November

15:00 - 17:00

Pau Gil, Sant Pau Art Nouveau Site

This world needs new resilient ideas to cope with today's major issues. We know this yet inciting new and innovative action is difficult. While most organizations improve, few renew. This session will highlight the possibilities and opportunities offered by Design Thinking.

Facilitator



BOYD COHEN

Dean of Research EADA, CEO Iomob, co-founder Six Fingers Spain

Boyd Cohen, Ph.D., is an urban strategist focused on the areas of urban innovation, entrepreneurship, smart cities and the Internet of Mobility. He has published 3 books (Climate Capitalism, 2011; The Emergence of the Urban Entrepreneur, 2016; Post-capitalist Entrepreneurship, 2017). He is Dean of Research at EADA Business School and jointly appointed at UVic. He is also a Fellow at the Singapore University of Social Sciences in their Fintech and Blockchain group. In 2017, he co-founded iomob, a blockchain startup seeking to decentralize the mobility sector by providing an open protocol for the Internet of Mobility (IoM). He is also the current Executive Director of the Blockchain Cities Alliance.

Facilitator



ROB ADAMS

CEO Six Fingers

He is a writer, speaker, founder of Six Fingers and teacher at EADA Business School in Barcelona.

Realising corporate startups by applying design thinking is the basis of his fourth book: Versus. Years of research into global innovations and his work with clients have given him in-depth knowledge of how innovation is born and how it can be successfully structured. His former books 'Branchmarking' and 'Cheat' are about transsectoral innovation. 'No Ego' is about unknown people who changed the world.

PRESENTATION OF THE INTENSIVE PROGRAMME IN DESIGNING POLICIES FOR RESILIENCE, CONVENED BY ELISAVA

Monday 12th November

18:30

Sant Leopold Pavilion, Sant Pau Art Nouveau Site

Presentation of the Intensive Programme in Designing Policies for Resilience of the Elisava Barcelona School of Design and Engineering. The programme aims at empowering agents of positive change for contributing to action and impact for a better society. The session will end with a networking cocktail.

PEER REVIEW TOOL ON DRR AT LOCAL LEVEL, CONVENED BY UNISDR

Tuesday 13th November

11:30 - 13:30

CC1 Room 1.2 - Fira de Gran Via*

To support cities in developing resilience strategies, the EU-funded Uscore2 project has designed and tested a generic, practical, city-to-city, disaster risk reduction peer review tool for cities across EU member states and beyond via the UNISDR's Making Cities Resilient campaign.

This Masterclass workshop aims to present the results of the project and the mechanism for an independent and transparent assessment, adding clear value to building local and national resilience. It will emphasize the importance of city-to-city peer learning and sharing of best practices.

Based on their experience gained through the project, local governments will showcase how the tool can assist cities with the challenge of strengthening their implementation of disaster risk reduction.

Speakers

Mr. Abhilash Panda, Deputy Director, Regional Office for Europe, UNISDR

Prof. Duncan Shaw, University of Manchester, UK

Dr. Kathy Oldham, Chief Resilience Officer, Greater Manchester Combined Authority, UK

Mr. Luis Carvalho, Coordinator Civil Protection, Amadora City Council, Portugal

** Sessions held in East Agora and CC1 Room will only be accessible for Smart City Expo pass holders. Please contact the Barcelona Resilience Week Secretariat to find out how you can access these sessions.*





Speaker



ABHILASH PANDA

Deputy Director, Regional Office for Europe, UNISDR

Abhilash Panda is the Deputy Chief for UNISDR's Regional office for Europe and Central Asia. Prior to this he was the led UNISDR's global programmes on Urban Risk Reduction and Resilience. Within which he coordinated partnerships, managing and monitoring projects, identifying areas of innovation and providing hands on support to implementing partners.

Speaker



KATHRYN OLDHAM

Chief Resilience Officer, Greater Manchester Combined Authority, UK

The Chief Resilience Officer in Greater Manchester, Kathryn heads up the city region's participation in the 100 Resilient Cities programme and United Nation's Making Cities Resilient campaign. Coordinator of the EU-funded UScore2 peer review project, she is also responsible for a specialist unit delivering disaster risk reduction and emergency response services for Greater Manchester's ten local authorities.

Speaker



LUIS CARVALHO

Coordinator Civil Protection, Amadora City Council, Portugal

Luis has a degree in geography and a master degree in urban planning and risks by New University of Lisbon. He joined the Municipality of Amadora in April 2005 and leads projects related to emergency procedures/plans, awareness programs and risk assessment processes.

He is the Local Focal Point (Amadora) and the National Advocate (Portugal) for "Making Cities Resilient Campaign" (United Nations International strategy for Disaster Reduction – UNISDR)

Speaker



DUNCAN SHAW

Professor, University of Manchester, UK

Chairs ISO TC292 Working Group 5 on Community Resilience, wrote ISO22319 on involving spontaneous volunteers in emergencies, and works extensively with overseas governments. Has a PhD from Strathclyde University (UK) and a DSc from Warwick University (UK).

BUILDING STRONGER AND RESILIENT COMMUNITIES, BLOCK BY BLOCK

Tuesday 13th November

13:00 - 13:30

East Agora, Fira de Gran Via*

The Block by Block project is the work of UN-Habitat together with the makers of the hugely popular world-building computer game Minecraft, Mojang.

Since 2012, they have used the game to engage communities all over the world — particularly young people, women and slum dwellers – in the design of their local public spaces, and have now reached more than 25 countries. Kenya, Peru, Haiti and Nepal are among the nations to have Block by Block-designed spaces.

Presenter

Mr. Pontus Westerberg, UN-Habitat

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PRESENTATION OF THE RESILIENT CITIES SERIES PUBLICATIONS, CONVENED BY UNESCO CHAIR ON SUSTAINABILITY

Tuesday 13th November

13:30 - 14:00

East Agora, Fira de Gran Via*

"Urban Resilience for Risk and Adaptation Governance. Theory and Practice" is the first volume of the book series "Resilient City: Re-thinking Urban Transformation" published by Springer. The Series has been envisioned to analyse the contemporary challenges faced by cities and provide an up-to-date body of knowledge, including a systematic collection of global cutting-edge best practices, fundamental to managing the urban transition toward resilience.

This book brings together a series of theory and practice essays on risk management and adaptation in urban contexts within a resilient and multidimensional perspective. The book proposes a transversal approach with regard to the role of spatial planning in promoting and fostering risk management as well as institutions' challenges for governing risk, particularly in relation to new forms of multi-level governance that may include stakeholders and citizen engagement. The different contributions focus on approaches, policies, and practices able to contrast risks in urban systems generating social inclusion, equity and participation through bottom-up governance forms and co-evolution principles.

Speakers

Prof. Grazia Brunetta. Politecnico di Torino. Interuniversity Department of Regional and Urban Studies and Planning, Responsible Risk Resilience Centre - R3C
Dr. Ombretta Caldarice. Politecnico di Torino. Interuniversity Department of Regional and Urban Studies and Planning, Responsible Risk Resilience Centre - R3C
Dr. Nicola Tollin. University of Southern Denmark. Unit of Civil and Architectural Engineering
Dr. Jordi Morató. Universitat Politècnica de Catalunya. UNESCO Chair on Sustainability
Mr. Esteban Leon. Head, City Resilience Profiling Programme (CRPP), UN-Habitat

Chairman

Mr. Mikkel K. Kragh, University of Southern Denmark. Unit of Civil and Architectural Engineering

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Please contact the Barcelona Resilience Week Secretariat to find out how you can access these sessions.

Chairman



MIKKEL K. KRAGH

Head of Civil and Architectural Engineering at University of Southern Denmark

Professor Kragh is MSc PhD CEng MASHRAE MCIBSE FSFE. Having held various positions spanning education, research, specialist contracting, specialist consulting, and manufacturing, he has unique insight into high performance buildings and the construction sector. In 2014, Mikkel was awarded the CIBSE Silver Medal for outstanding service to the Chartered Institution of Building Services Engineers.



Speaker

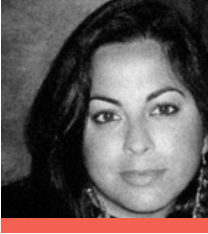


GRAZIA BRUNETTA

Responsible Risk Resilience Centre – R3C Politecnico di Torino

Grazia Brunetta, PhD in Spatial Planning and Real Estate, is Full Professor of Urban and Regional Planning at the InterUniversity Department of Regional and Urban Studies and Planning, Politecnico Torino (Italy). She is the project manager of the Responsible Risk Resilience Centre - R3C of the Politecnico di Torino that works to enhance the resilience transition of territorial systems.

Speaker



OMBRETTA CALDARICE

Responsible Risk Resilience Centre – R3C Politecnico di Torino

Ombretta Caldarice, PhD in Spatial Planning and Urban Development, is Post-Doctoral Research Fellow at the InterUniversity Department of Regional and Urban Studies and Planning, Politecnico Torino (Italy). Her research activity mainly focuses on the relationship between spatial planning and regulation. Within the Responsible Risk Resilience Centre - R3C of the Politecnico di Torino, her research activity is focused on the role (and limits) of planning in complex and adaptive systems.

Speaker



NICOLA TOLLIN

Prof. on Urban Resilience, University of Southern Denmark

Dr Nicola Tollin is Professor with special responsibilities in Urban Resilience at University of Southern Denmark, and Executive Director of RESURBE International Program on Urban Resilience, led by Recycling Cities Network RECNET, which he co-founded.

He has 20 years of international experience in research, capacity-building, education on sustainable development, resilience, climate change, circular economy and innovation focusing on cities and regions. He has coordinated/participated in urban development projects worldwide, including 13 EU funded, in several countries including Colombia, Philippines, Argentina, Chile, Mexico, Brazil.

Speaker



JORDI MORATÓ

Coordinator of the UNESCO Chair on Sustainability

Jordi Morató, PhD in Biology, with 20 years of experience in research, education and management of sustainable human development projects related to resources (water, soil, biodiversity) and circular economy and participatory community development at the local and regional level. Coordinator of the UNESCO Chair on Sustainability at the Polytechnic University of Catalonia since 2008 and one of the founding members of RECNET (www.recitynet.org).

Speaker



ESTEBAN LEON

Head of the City Resilience Profiling Programme, UN-Habitat

Esteban has a background in economics, shelter/housing and settlement program design and management, capacity building, as well as building constructions and reconstruction projects in post-crisis situations and urban resilience building. He has been working for UN-Habitat since 2002 based in Nairobi, Geneva, Panama and Barcelona.

EXPLORING THE POTENTIAL OF WATER OPERATOR PARTNERSHIPS AN ELEVATOR PITCH BY GWOPA

Tuesday 13th November

15:30 - 15:45

East Agora, Fira de Gran Via*

This rapid-format presentation will highlight the potential of Water Operators' Partnerships in addressing resilience, by drawing on real cases from across the globe. WOPs have increased water provision efficiency and water security and have fostered solidarity between operators in emergency situation as recently in the aftermaths of the earthquake in Indonesia. Find out how they can help your city.

PRESENTATION OF GUIDELINES ON RESILIENT RECONSTRUCTION HOUSING, BY AXA AND UN-HABITAT

Wednesday 14th November

13:00 - 14:00

East Agora, Fira de Gran Via*

Governments, development and built environment stakeholders have increased knowledge to plan and operationalize technical assistance for housing reconstruction to meet the needs of communities affected by disasters and to foster sustainable improvements in housing construction. UN-Habitat and AXA Group are presenting the joint-work on a Guidelines publication addressed to city decision makers on promoting resilient construction.

CITY PERSPECTIVES ON RESILIENCE: CHALLENGES, OPPORTUNITIES AND PRACTICE, CONVENED BY UCLG AND UN-HABITAT

Wednesday 14th November

15:30 - 17:30

UCLG HQ

To achieve the extensive list of targets and goals set out for cities in global development frameworks such as the Agenda 2030, Sendai Framework, Paris Agreement and New Urban Agenda, city actors need be given the right tools, knowledge, resources, mandate and expertise for the job. Exchanging voices and experiences between local governments can help transform their capacity to influence, implement and sustain sustainable and resilient urban growth and flag shortcomings or gaps to be filled.

By invitation

INCLUSIVE DIGITAL TRANSITION IN CITIES WORKING GROUP

Thursday 15th November

15:00 - 18:30

Sant Leopold Pavilion, Sant Pau Art Nouveau Site

This Working Group -which is affiliated with the United 4 Smart Sustainable Cities (U4SSC) initiative, and organized under the UN-Habitat Programme for Digitally Inclusive and Sustainable Smart Cities- aims at advising policy-makers on inclusive digital transition leading up to the next World Urban Forum.

For participants of Smart Cities Barcelona World Congress, please register [here](#) first and then meet outside the cloakroom. A UN-Habitat representative will be stationed from 13:30h to 14h to guide you via public transport on a site visit to UN-Habitat's Barcelona offices.

* Sessions held in East Agora and CC1 Room will only be accessible for Smart City Expo pass holders.
Please contact the Barcelona Resilience Week Secretariat to find out how you can access these sessions.

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**SOCIAL EVENTS
AND SITE VISITS**



**SOCIAL EVENTS
AND SITE VISITS**



SOCIAL EVENTS

WELCOME COCKTAIL

All participants of Barcelona Resilience Week are invited to the welcome cocktail on Sunday 11th November at the Sant Pau Art Nouveau Site, home of UN-Habitat's office in Barcelona. Prior confirmation is mandatory, please contact info@cityresilience.org to confirm your attendance.

GUIDED VISIT OF SANT PAU

The former hospital of Sant Pau is the biggest modernist site in the world and an architectural gem. Participants will be treated to a guided visit to discover some of the unique features hidden within the site. Prior confirmation is mandatory, please contact info@cityresilience.org to confirm your attendance.

SITE VISITS

Thursday, 15th November

15:00 - 18:30

Fira de Gran Via

As an optional activity, site visits are offered to participants of Barcelona Resilience Week as a unique opportunity to see first-hand successful resilience projects and solutions being implemented in Barcelona.

There are two routes available that include three site visits each. A shuttle bus will be provided; departing from Fira de Gran Via (see Venues) at 15:00h and returning to the departure point around 18:30h. Please note that there is a limited capacity of 15 people per bus. Prior confirmation is mandatory, please contact info@cityresilience.org to confirm your attendance. Find more information on the site visits below.

(No-cost activity)

ROUTE 1: SOCIAL RESILIENCE

Visit to the Emergency and Social Urgencies Centre of Barcelona (CUESB)

The Emergency and Social Urgencies Centre of Barcelona (CUESB) is a permanent local service open 24 hours a day, 365 days a year. For Social Emergencies, it complements the municipal network of basic and specialized social services in the care of people and/or families who present a situation of urgency or high social risk.

For Social Emergencies, the aim is to provide immediate psychosocial attention to people who have been affected by:

- Critical incidents (traffic accidents, suicide, unexpected death, etc.) when relatives are suffering emotional pain and a quick intervention is needed to avoid post-traumatic stress.
- Fires, explosions, floods, preventive evacuations, etc.
- Homeless people at risk because of extreme weather conditions

The professional team is composed of social workers, psychologists and qualified personnel, who are organized in shifts to give permanent attention to the citizens.

Visit to the Barcelona Council Telecare Service

The visit includes a brief presentation of the service's evolution, the range of services provided to the elderly and dependents of the city, and the associated technology. The services ensure greater security and safety in households both for the users and their relatives through a warning system that alerts emergency services of risk situations in the user's home. During the visit, the coordination of the telecare services with the Guàrdia Urbana (local police), Barcelona Fire Brigade, Mossos d'Esquadra (national police), Medical Support, etc will be explained.

Attendees will be able to learn about the informative campaigns that drive the telecare service to promote active and healthy aging, including a visit to the monitoring centre, where over 3,200,000 calls are managed per year.





Visit to the Superblock in Poblenou

Superblocks is the urban strategy that Barcelona City Council is implementing to tackle compact city challenges: lack of green spaces, high level of air-pollution and traffic noise, accident rates and sedentary lifestyle.

The Superblocks program establishes a new way of organising the city which reverses the current distribution of public areas amongst vehicles and people by defining street networks, providing different street typologies and introducing diverse facilities like resting places and space for citizens' leisure.

In addition, this program aims at acquiring a more sustainable mobility, a chance to introduce measures to improve biodiversity and a complete involvement of citizens in the design.

ROUTE 2: RESILIENCE ON BASIC SERVICES

Visit to ECOENERGIES BARCELONA (Heating & Cooling Network)

Barcelona was the first city in Spain to build a DHC system, in 2004, and actively promotes this type of energy supply, especially in new urban areas. Ecoenergies Barcelona is a District Heating and Cooling (DHC) based on biomass and cold recovery from a liquefied natural gas (LNG) terminal. It illustrates the potential of DHC (and particularly District Cooling -DC-) in cities with warm weather, where district energy supply is less common than in Northern countries.

Ecoenergies Barcelona network is operated through a public-private partnership between Veolia Group (www.veolia.com/en) and the Barcelona City Council (30-year concession) and is gradually expanding in the city.

Visit to the Joan Miró's Rainwater water detention tank

Rainwater retention tanks are large structures, normally buried in the city, where waste water (residual + rainwater) is stored during intense rain episodes, to reduce the flow of water below the reservoir, hereby avoiding that the sewers are overrun or that a large amount of waste water is released to the receiving environment by the overflowing. The detention tank located in the subsoil of Parc de Joan Miró has a total capacity of 55,000m³, equivalent to 22 Olympic swimming pools, and a depth of 17 meters.

Visit to the Capture and Supply Network of Phreatic Water at the Castle of Montjuïc

The subsoil of Barcelona is rich in water resources, which led to the important industrial development of the late nineteenth century. However, its overexploitation (exceeded 60 hm³ / year) resulted in a significant drop in the phreatic water and saline intrusion. The Montjuïc distribution system works entirely by gravity.



**PARTNER
EVENTS**



PARTNER
EVENTS



SMART CITY EXPO AND WORLD CONGRESS

Smart City Expo World Congress is committed to leveraging the implementation and follow-up of all global agendas at local and national level. The event aims to be the place to collectivize urban power, to increase the strength of cities, to identify business opportunities, to establish partnerships and contribute to enacting common policies. A place to share research, best practices and potential common solutions, achieved through effective collaboration.

UN-Habitat will have a stand at the Smart City Expo (stand E507). Come and meet the team and find out more about UN-Habitat's work on urban resilience.

UN-Habitat is also participating in the session:

What does a Successful Urban Strategy entail

Tuesday 13th November

18.30 - 19.10

Congress Area - Urban Environment Room

More information and registration modalities

www.smartcityexpo.com

C40 REGIONAL MEETING EUROPE

C40 Talks: Cities Getting the Job Done

Hosted by C40 cities, the Barcelona City Council and Fira de Barcelona, C40 Talks: Cities Getting the Job Done is a unique session at the Smart City Expo World Congress, dedicated to highlighting the innovative actions European cities are taking to deliver on the Paris Agreement and clean the air we breathe through the Green and Healthy Streets Declaration.

Round table: Women: Climate Leaders

Wednesday 14th November

18:00 - 19:30

Auditorium Calàbria 66

Speakers

Plan A - Madrid. Inés Sabanés, Councillor for the Environment of Madrid

Amsterdam tackling Climate Change. Eveline Jonkhoff
Advisor on Circular Economy and Sustainable Development. City of Amsterdam

Barcelona Climate Plan. Janet Sanz. Barcelona Deputy Mayor in charge of the Area of Ecology, Urban Planning and Mobility

Adaptation to Climate Change – European Commission
Elena Višnar Malinovská. Head of the Adaptation Unit, DG Climate Action

Women4Climate Initiative C40. Hervé Marro. Director of Communications, Head of the Office of Paris

More information about C40

www.c40.org





PRACTICAL INFORMATION

VENUES

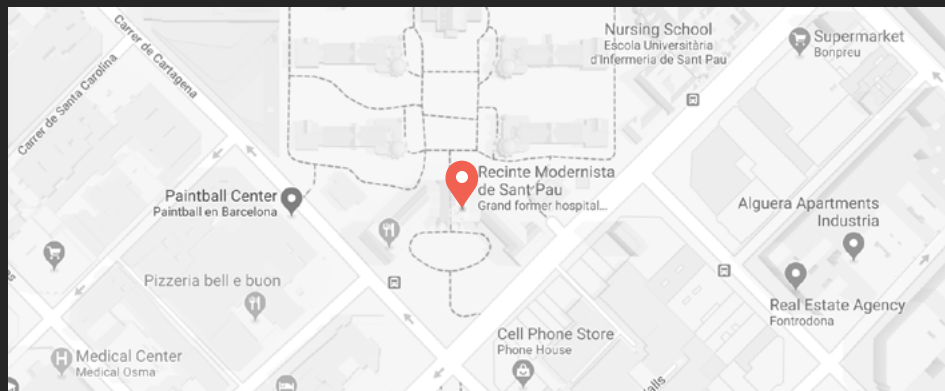
Sant Pau Art Nouveau Site

Numerous events will take place at the Sant Pau Art Nouveau Site (Recinte Modernista de Sant Pau). The closes metro is Sant Pau Dos de Maig (line 5) or Sagrada Família (line 2 and 5).

Address Carrer Sant Antoni Maria Claret, 167. 08025, Barcelona.

Sant Pau is the world's largest Art Nouveau Site and one of the outstanding landmarks of Barcelona's heritage and culture. Today the Art Nouveau Site is home to leading institutions in the fields of sustainability, health and education, and The United Nations Human Settlements Programme (UN-Habitat) has set up the international headquarters of its City Resilience Profiling Programme in the Sant Leopold Pavilion.

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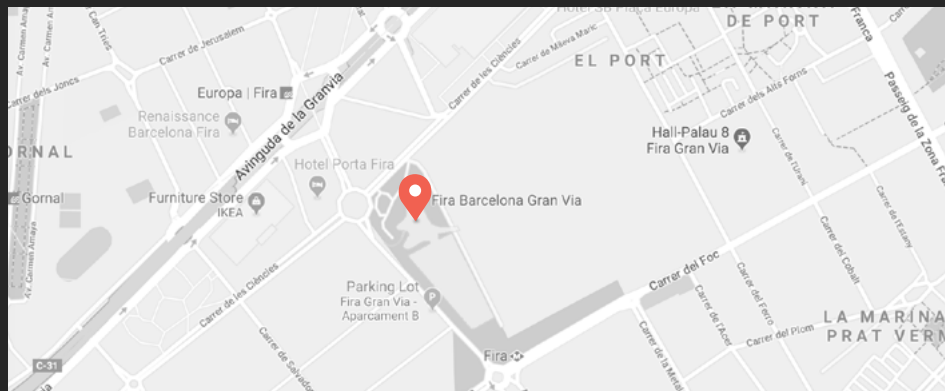


Fira de Barcelona

Fira de Gran Via, the venue will be the Smart City Expo World Congress held at the Fira Gran Via. You can travel there by metro (line 9) until Fira or Europa/Fira stations. Find out more about the Smart City Expo World Congress.

Address Fira Gran Via, Av. Joan Carles I, 64, 08908 L'Hospitalet de Llobregat, Barcelona

*Sessions held in East Agora and CC1 Room will only be accessible for Smart City Expo pass holders. Please contact the Barcelona Resilience Week Secretariat to find out how you can access these sessions.

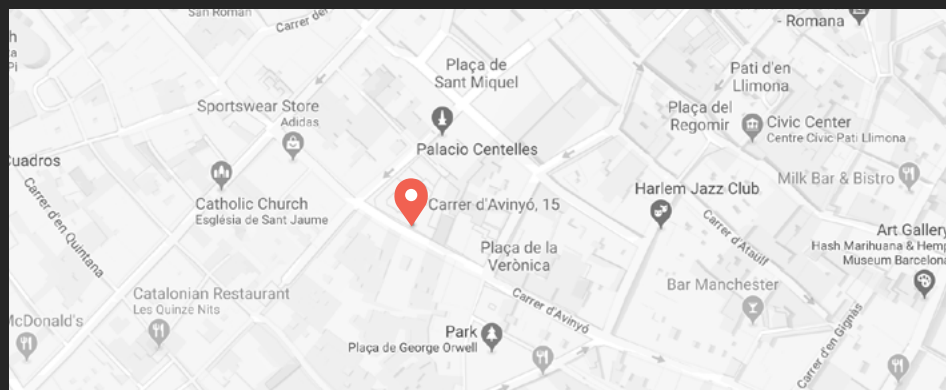


Practical Information

UCLG Headquarters

On Wednesday afternoon, the home of the World Secretariat of the United Cities and Local Governments (UCLG) will host a meeting with city representatives to exchange and learn practices on building urban resilience.

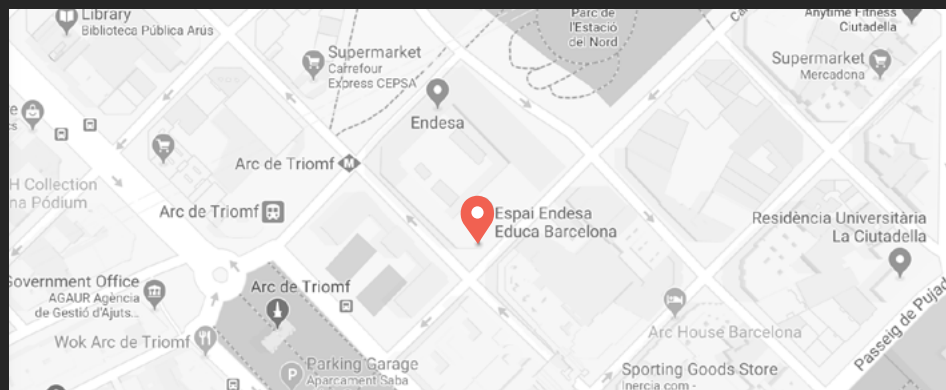
Address Carrer Avinyó, 15. 08002, Barcelona.



Espai Endesa

This unique space is the meeting point and platform for awareness raising provided by Endesa. During its short history, the building has been used for numerous functions, including a better holding space and educational space.

Address Carrer dels Almogàvers, 11-17, 08018 Barcelona.



REGISTRATION

Speakers and Moderators have to pick up their badges in **Sant Pau Art Nouveau Site** on **Monday 12th** from **8:30 - 15:00 at the Registration Desk**.

Participants and other members of the delegation are requested to register in advance through the Urban Resilience Hub website: www.urbanresiliencehub.org/action. Once upon arrival, participants have to pick up their badges in **Sant Pau Art Nouveau Site** on **Monday 12th** from **8:30 - 15:00 at the Registration Desk**.

VISAS

In the following link is available information about the requirements to entry Spain:
www.exteriores.gob.es/Portal/en/ServiciosAlCiudadano/InformacionParaExtranjeros/Paginas/RequisitosDeEntrada.aspx

ACCOMMODATION

Below is a list of recommendation of hotels where you can host:

Near Sant Pau Art Nouveau Site

Ayre Rosselló
Hotel Sagrada Familia

Near Fira Gran Via

Hotel Porta Fira
Renaissance Barcelona Fira
One Living Barcelona

Near PI España (city center and 5min to Fira de Barcelona)

Catalonia Barcelona Plaza
Ofelias Hotel
B Hotel
Arenas View Plaza

FROM THE AIRPORT

The airport is located 16 kilometres south of the city and is also known as El Prat, the town where it is located. Terminals T1 and T2 (A, B and C): The terminals at Barcelona Airport are organised in terms of carriers and not according to the destination or place of origin.

Connections between the Airport and Barcelona

Train

Daily connection with Barcelona Sants Railway Station which is located in the city center. The airport station is situated opposite terminal T2, connected via an air bridge.

Frequency: every 30 minutes. Approximate journey time: 20 minutes.

Metro

Trains depart from the airport every 7 minutes during peak times, and the journey to the city takes less than 35 minutes from the airport. There are Metro stations at both terminals:

- T1 Terminal: From Baggage Claim, take the free bus shuttle service to T2, follow the signs to RENFE station and board the Metro. There you'll find the Metro station adjacent to the RENFE station (L9).
- T2 Terminal: From Baggage Claim, follow the signs to the RENFE station across the street (via an air bridge) and board the Metro. There you'll find the Metro station adjacent to the RENFE station (L9).

Aerobús (T1 and T2)

Daily services between Barcelona Airports and Plaça Catalunya.

There are two buses: A1 to go to terminal 1, and A2 to terminal 2.

- Bus A1 frequency: every 10 minutes.
- Bus A2 frequency: from 5am to 6:40am and from 9:50pm to 12:30am every 10 minutes, from 6:50am to 9:45pm every 5 minutes.

Approximate journey time: 35 minutes.

Tickets are available from ticket machines or may be purchased from the driver.

Taxi

Taxis are readily available outside both airport terminals. Taxi fee from airport to the city center is around 25 euros.

Bus (TMB)

The 46 bus runs from Barcelona Airport (T1 and T2) to Pl. d'Espanya daily.

Frequency: every 20 minutes.

Night Bus (NITBUS)

- The N17 night bus operates from Barcelona Airport T1 to Ronda Universitat / Plaça Catalunya, stopping at Pl. d'Espanya.
- The N16 night bus operates from Barcelona Airport T2 to Ronda Universitat / Plaça Catalunya, stopping at Pl. d'Espanya.

Frequency: every 20 minutes.

SAFETY MEASURES

In an emergency, call 112

As in most cities with a high volume of tourists, pick-pockets operate in Barcelona. Please pay special attention to your belonging and do not leave them unattended, especially when seated in restaurants and cafés.

Medical Services

Medical costs incurred during the stay in Barcelona shall be shouldered by the meeting participant. It is therefore recommended that participants arrange for their own health insurance or carry sufficient funds to cover any medical costs incurred.

BASIC INFO

Time Zone and Country Code

Spain is GMT +1 hours. The country code is +34.

Weather

The weather in November tends to be cool. The average daytime temperatures hover around 17°C (that is about 62°F), whereas the average minimum temperatures drop down to 8°C (that is about 46°F.) Moreover, there are fair chances of rain or cloudy overcast days. It is advisable to carry a jacket and winter clothes.

Electricity

In Spain the standard voltage is 230 V. The standard frequency is 50 Hz. The power sockets that are used are of type F.

Currency Exchange

Spain's currency is the Euro (€). Bring bill of smaller denominations as lot of places don't accept credit card to pay below 6€. In the same way, buses don't accept bills of 20€ or above. Spain issue local coins of 1,2,5,10,20 and 50 cents and 1€ and 2€. Exchanging money in Spain is easy and follows a similar pattern to elsewhere in southern Europe: ATMs, Banks and Bureaux de change. Also, you can find them in the airport.

Telecommunication and ICT Services

Phone and internet services are available within and outside the hotels and in areas at the venue of the meeting. In addition, you will find Barcelona WIFI spots provided by the City of Barcelona. This is a municipal free service offering free Internet connection to citizens and visitors. Participants are encouraged to come to Spain with their mobile handsets. Barcelona is effectively covered by several service providers which include Vodafone, Movistar, Orange and other services.

More info and registrations at

www.urbanresiliencehub.org/action



Follow us as **@UResilienceHub** on
Facebook, Twitter Instagram and YouTube

#BRW2018





Barcelona
Resilience
Week



With the financial support of



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Supporting implementation of

