

The Cityscape and the Climate Emergency: toward collaborative solutions

17 November 2020, 12:30-14:30 GMT



@ClimateLondon #LCAW2020

In this seminar we'll pause and reflect on the challenges, barriers, and opportunities for improving the resilience of our buildings, the people who live in them, and the spaces between them. We will consider the barriers to climate resilience that arise time and again and present good ideas from around the world to overcome these. We will also capture some of the critical issues that can be further examined in depth in later events.

Agenda

- 12:30 **Welcome and introduction**
Robert Huxford, Urban Design Group
- 12:35 **Impacts of climate change in urban areas**
Dr. Emma Ferranti, University of Birmingham
- 12:50 **Accelerating finance for net zero and resilient homes**
Emma Harvey, Green Finance Institute
- 13:00 **Q&A**
- 13:10 **Healthy and resilient buildings**
Dr. Monica Mateo Garcia, Birmingham City University
- 13:20 **The role of access to green space in reducing inequalities in young people's mental health**
Dr. Issy Bray, University of the West of England
- 13:30 **An inclusive approach to design**
David Ogunmuyiwa, Architects Doing Place
- 13:40 Break
- 13:45 **Urban Climatopes and climatic services: how to tackle climate change with local solutions**
Dr. Antonio Saraiva Lopes, University of Lisbon
- 13:55 **Designing for climate and energy resiliency in New York City**
Susanne DesRoches, NYC Office of Resiliency, NYC Office of Sustainability
- 14:15 **Panel Discussion / Q&A**
- 14:30 **Close**

About our speakers

Dr. Isabelle Bray

Associate Head of Department for Research and Knowledge Exchange and Senior Lecturer in Public Health

Dr. Isabelle Bray is a public health researcher with an interest in young people's mental health. Previous research has examined relationships between disordered eating, risky behaviours and depressive symptoms. She teaches on the MSc Public Health at UWE and leads the 'Evaluation and Evidence' theme in the Centre for Public Health and Wellbeing

Susanne DesRoches

Deputy Director for Infrastructure and Energy at the New York City Offices of Resiliency and Sustainability.

Susanne DesRoches directs the City's efforts to transition to 100% clean electricity by 2040 as well as to adapt regional infrastructure systems to climate change. Susanne oversees the development of the NYC Climate Resiliency Design Guidelines, and leads the NYC Climate Change Adaptation Task Force, which works to identify climate risks and coordinate adaptation strategies.

Dr. Emma Ferranti

Research Fellow, School of Geography, Earth, and Environmental Sciences, University of Birmingham

Emma's research interests include the impact of weather on infrastructure, green infrastructure, air quality, and GIS. She has a background in geography, earth and environmental sciences, and research experience in academia and consultancy.

Emma Harvey

Programme Director, Green Finance Institute

An experienced and passionate green finance specialist, Emma Harvey joined the Green Finance Institute in 2019 and leads a portfolio of coalitions and projects including the Coalition for the Energy Efficiency of Buildings, an industry-led collaboration with more than 150 individual members, focused on developing new financial products and solutions to help accelerate the decarbonisation of buildings. Emma previously worked across several areas within Barclays Bank including product development, portfolio management and corporate debt structuring. Throughout this period she championed the green finance agenda, supporting the bank's first green bond issuance and pioneering the Barclays green home mortgage.

Robert Huxford (Chair)

Director, Urban Design Group

Robert is director of the Urban Design Group, an international membership charity for people concerned about improving the design of cities, towns and villages. He is co-founder of PRIAN, the Public Realm Information and Advice Network, and a member of the Institution of Civil Engineers Municipal Expert Panel.

Dr. António Lopes

Associate Professor at IGOT-ULisboa, researcher at Centre of Geographical Studies (CEG) and "Climate Change and Environmental Systems – Zephyrus", research group coordinator.

Antonio Lopes holds a PhD in Physical Geography from the University of Lisbon since 2003. Full member of the "F3 - Food Farm & Forestry" College and the Tropical College of the University of Lisbon and Scientific International Associations: International Society of Biometeorology - ISB and International Association of Urban Climate – IAUC. His research

topics and techniques: Urban Climate Changes; Applied Climatology; Thermal Comfort and Health, Urban Environment; Atmospheric Pollution in Cities; Micro-meteorology Modelling; Thermal Remote Sensing.

In the last 30 years, Dr. Lopes was involved in national and international projects, among them: FP7 - SECOA - Solutions for Environmental Contrasts in Coastal Areas, National Plan for Territorial Development of Mozambique; Metropolitan Plan for the Adaptation to Climate Change of the Lisbon Metropolitan Area; "The Cape Verde Natural Hazards and Risk Profile of Cape Verde" for the UNPD.

Dr. Monica Mateo-Garcia

Lecturer in Built Environment at the School of Engineering and the Built Environment, Birmingham City University

Dr Monica Mateo-Garcia is an Architect and Lecturer in the School of Engineering and the Built Environment at Birmingham City University. She conducts applied research related to low carbon refurbishment in buildings and healthy indoor environments (looking at indoor air quality and health and well-being of occupants). Dr Mateo-Garcia is a committee member of the UK Indoor Environments Group. She has been invited to speak about resilient and healthy buildings at international conferences and industry events. She is presently supervising two PhD's in Indoor Air Quality and overheating in new homes, partially funded by housing developers.

David Ogunmuyiwa

Principal, Architects Doing Place

David Ogunmuyiwa B.Sc(hons), BArch(hons), DipArch(UCL) RIBA ARB is an architect, public appointee, lecturer, and writer. He is noted for his origins as a housing officer; both for housing associations and in some of London's most challenged boroughs, including Lambeth, Southwark, and Tower Hamlets – before retraining as an architect and helping to deliver highly decorated schemes including for housing, education, and the arts. Prior to founding Architecture Doing Place, he was successful in carrying out pivotal roles up to associate level, on delicate projects including RIBA-award winning schemes. He is an expert on the delivery of infill regeneration, in deprived environments with diverse stakeholders. Combining the grounding gathered at respected London practices, Burrell Foley Fischer, Karakusevic Carson, and DSDHA with his background to inform specialisms in housing, urban design, education, and the arts. David combines practice with teaching architecture and has taught at Portsmouth University, Central Saint Martins, University of the Arts London, and the Stephen Lawrence Charitable Trust. He holds a number of strategic advisory roles, using his expertise to contribute to architecture, urban design and housing standards policy across London and the UK. He is a Mayor's Design Advocate for London and member of Historic England's Expert Advisory Group focusing on adaptive reuse of historic assets. He was a curatorial panel member for the London Festival of Architecture, is a board member of Urban Design London and an advisory board member for New Architecture Writers, a programme which trains diverse architectural writers, commentators, and critics. David is an alumnus of the Clore Foundations Cultural Leadership Programme, aimed at strengthening leadership across the arts. He mentors widely including for Public Practice, the Royal College of Art, and Haverstock Careers Network. He has practiced architecture in the UK and the Middle East and is a confirmed urbanist.