

Edge Debate Series: Jan-Sept 2020

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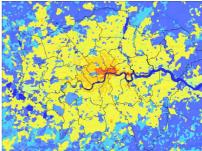
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Cities, Climate and *Critical Urban Infrastructure

Climate change and the impact on urban climates and air quality are now regarded as a crisis.



Environmental threat - Killer heat waves, and periods of illegal air quality are becoming ever more commonplace. Evidence on the health impacts of concentrations of air pollution mounts by the week. One third of planning authorities are in breach of their statutory duty to have policies in their local plans to contribute to the mitigation of, and adaptation to, climate change, and are under threat of legal action.

Urban densification – the need to provide housing for an increasing population, with tall buildings, and super dense residential development, raises many issues ranging from pollution-trapping canyon streets, the suppression of the flow of air across a city by ill-advised built form, the need for through-ventilation in flats, and the role of trees and landscape.

An opportunity for professionals - There is both a need and an opportunity for professionals in the built environment to work together with researchers to solve the problems, and to provide up-to-date advice to developers and landowners on the design and management of the built environment as an interdisciplinary system, rather than as a set of separate uncoordinated components.

A series of six events during 2020 will address this challenge, run by The EDGE in partnership with various stakeholders including:

The Greater London Authority London Climate Change Partnership Urban Design Group The City of London Corporation ARUP Academy of Urbanism

- CLIMATE RESPONSIVE URBANISM OPENING EVENT
 Urban Design Group 9th January 2020 (1.30-5:00pm) BOOK NOW
- 2 **DENSITY:** Early March 2020 (evening)
- 3. ACCOUNTABILITY: ARUP, April 2020 (evening)
- 4 **EFFICIENCY**: City of London Corporation Late May 2020 (evening)
- 5. GOVERNANCE: City Hall, Early July 2020 (evening)
- CO-PRODUCTION WORKSHOP: development of a position paper -September 2020 (afternoon)

The events will bring together leading practitioners and academics. An additional event **MANAGING CLIMATE IN CITIES** will be run with Glasgow Caledonian University (at their <u>London Fashion Street</u> campus) early spring 2020.