🏛 **UCL**

Call for Submissions CUPUM 2025
London, UK, 23–27 June 2025

We are pleased to announce and invite you to participate in the **19th International Conference on Computational Urban Planning and Urban Management (CUPUM)**, which will be hosted by The Bartlett Centre for Advanced Spatial Analysis (CASA) at University College London on **23–27 June 2025**. The CUPUM 2025 website is: cupum2025.org. Find out more about the 30-year history of CUPUM here: cupum.co. Please submit via our conference submission page.

Conference Theme
For more than thirty years, Computational Urban Planning and Urban Management (CUPUM) has been at the leading edge of international debates around the role of computing technologies in shaping and managing cities. In 2025, CUPUM will return to London on the theme of '**Cloud Cities**'.

The Third Industrial Revolution made London famous for its 'pea souper' fog, when airborne particulates from the burning of coal in factories and houses made it, perhaps, the original Cloud City. Today, amid a mooted transition from a Fourth to a Fifth Industrial Revolution, industry and society – in London but also globally – are still roiled by clouds. While contemporary Cloud Cities remain characterized by persistent social, environmental and economic inequalities, cloud-based services and technologies — including AI — have been held out as part of the urban management solution to these issues.

Cities built in the clouds often combine physical and digital space in novel ways – the metaverse meets the digital twin – but questions of who owns our data, and to what purpose, sit at the core of continuing debates around everything from optimizing transit systems and housing production, to monitoring remote workers and ambient air pollution. The conference and accompanying book welcomes debate around all aspects of the social, economic, environmental and managerial challenges facing modern cities as we head further into a new cloud-based era of human development.

Topics
We invite submissions on a range of topics related to the use of computers in urban planning and urban management. These may relate to technical aspects, practical considerations, applied case-studies, theoretical discussions or anything in between. Example topics may include (but are not limited to):

- Urban Models and Simulations
  - Land-Use Transportation models
  - Agent-Based models
  - Cellular Automata

- ○ Network models
- ○ Microsimulation
- ○ Space Syntax
- Urban Planning and Management
  - ○ Digital Planning
  - ○ Digital Twins
  - ○ National, Regional and Local Governance
  - ○ Collective Intelligence
  - ○ Public participation
  - ○ Scenario Planning
- Connected Environments
  - ○ Sensors
  - ○ Networked computing
  - ○ Cloud Technologies
  - ○ Communications Infrastructure
- Planning Support Science and Geodesign
  - ○ Planning Support Systems
  - ○ Geographic information science
  - ○ Serious games
- Urban Data
  - ○ Datastores / data lakes
  - ○ Data Standards
  - ○ Data linkage
  - ○ Open data
- Artificial Intelligence (AI)
  - ○ Use of LLMs
  - ○ Advances in Machine Learning / Deep Learning
  - ○ Natural Language Processing
- Visualization and Communication
  - ○ Dashboards
  - ○ 3D visualization
  - ○ Augmented and Virtual Reality
  - ○ Metaverse/Virtual Worlds
- Urban Analytics
  - ○ Transport Systems
  - ○ Housing Systems
  - ○ Urban Ecology
  - ○ Urban Economics and Economic Geography
  - ○ Urban Demography
- Critical and theoretical engagement with any of the above

Submission Options

Participants have a choice of three submission options (all submissions will be peer-reviewed):

1. Book Chapter (4–6,000-word submission + oral presentation at CUPUM 2025)
2. Short Conference Paper (1,500 word extended abstract + oral presentation at CUPUM 2025)
3. Poster (250-word abstract + attendance at poster session(s) at CUPUM 2025)

Please submit via our conference submission page.

At least one co-author must register for, and present the chapter or paper at, the conference. All submissions of proposed book chapters, short conference papers or posters should be written in English and include an abstract that contains a title together with a brief description of the proposed topic, methods used, key results, and some discussion of the research implications for urban planning and urban management. All submissions also should be accompanied by the name, affiliation and email address of each author. For co-authored papers, one individual should be identified as the presenting/corresponding author.

Option 1: Book Chapter

We will continue the CUPUM tradition of publishing a book in conjunction with the conference, our 7th. Around 25 chapters will be selected for inclusion in a book, tentatively to be published by Springer in time for the conference. These chapters will be selected based on the outcomes of a double-blind peer review process overseen by the book co-editors. Chapters not accepted into the book will be invited to be revised and resubmitted as conference papers (see below). Chapters should be 4,000 to 6,000 words in length, including notes and references. Please count each figure and table as 250 words towards the total length. Chapters need an abbreviated abstract (max 250 words) covering the introduction, methodology, main findings/conclusions, and recommendations. Inclusion of the paper as a chapter in the book implies acceptance of a publishing agreement which requires a copyright agreement with the publishers. Accepted book chapters will be given an oral presentation slot at the conference. We recommend that book chapter submissions use Springer's Word template for book chapters. See this page for other style guidance. References should use Springer Nature's Basic Style.

Option 2: Standard Conference Paper

Standard Conference Papers require the submission of a max 1,500 word extended abstract using the submission template provided here. Extended abstracts will be peer reviewed and successful submissions published online in a conference proceedings repository, separate from the book above. Papers not accepted will be invited to revise and resubmit as posters (see below).

Option 3: Posters

Poster submissions will require a short 250 word abstract which will be peer reviewed. Successful submissions will be invited to upload full digital posters prior to the conference to be included in our virtual poster session. Poster delegates are also invited to bring physical posters if they so wish. At the conference, the poster sessions will accommodate display of posters up to A0 in size (841 x 1189 mm, or 33.1 x 46.8 inches) - a template is provided here. We won't have capacity to print posters locally.

Registration
Registration will open in Feb/Mar 2025. To facilitate participant planning, indicative rates are below, but are subject to change as the conference budget is finalised.

Early-bird Rate	Academics and Post-docs	£250
	Research Students	£150
	Industry/Govt/Third Sector	TBC

Full Rate	Academics and Post-docs	£300
	Research Students	£200
	Industry/Govt/Third Sector	TBC

Key Dates

	Book Chapters	Short Papers/Posters
October 11, 2024	Draft chapters due	
December 13, 2024	Accept or reject notification with chapter feedback	
January 10, 2025		Paper / Poster submissions due
January 31, 2025	Revised book chapter submission	
Feb/March, 2025		Accept / Reject notification
Feb/March, 2025	Conference Registration Opens	Conference Registration Opens
April 30, 2025	Early bird Registration Closes	Early bird Registration Closes
May 16, 2025		Revised papers / full digital posters due
June 23-27, 2025	Conference	