

Pandemics and the changing built environment

Learning from history, planning our future

Alessandro CAMIZ, Özyeğin University, Turkey

Keywords: *Urban morphology — Pandemics — History and theory — Architecture.*

CHNT Reference: Camiz, A. (2021). 'Pandemics and the changing built environment. Learning from history, planning our future, in CHNT – ICOMOS Editorial board. *Proceedings of the 26th International Conference on Cultural Heritage and New Technologies*. Heidelberg: Propylaeum.

Call for papers

First International blended conference, on Pandemics and Urban Form, PUF2022, April 28th-30th 2022, Istanbul, Turkey. Pandemics and the changing built environment. Learning from history, planning our future. Organised by: INTBAU, Nanjing University, University of Trento, Özyeğin University, University of Idaho, Kuwait University.

2020 was an extraordinary year for all countries in the world. The pandemic has spread and has not ended yet, confirming that the world is dramatically changing. The scholars in the field of the built environment are increasingly discussing the relationship between survival and urban form, two concepts once closely linked. Besides this, the pandemic has brought us other questions: how can people get along with nature, how should we regulate social behaviours, and should we use science and technologies to improve the built environment? We have experienced unprecedented changes in our social behaviours since the COVID-19 pandemic. These changes, permanent or temporary, have made our cities different from the cities we lived in one year ago. This new society includes a completely different retail pattern, a reduced use of public transportation, an increased and multipurpose use of residential spaces, the exploitation of online activities, a reduced use of public spaces such as offices, stadiums, museums, theatres, schools and universities, but also streets, parks and squares. Some scholars have recently been discussing such transformations, noticing that most of them were already ongoing but received an acceleration since the pandemic, while others consider them to be completely new. We believe that in the long or medium term the new social pattern will be followed by substantial changes in the built environment, and that we should understand these changes to plan and design for the future, to mitigate the diffusion of new airborne diseases and to meet new social demands. This conference will have three tracks: it will use history as a mirror to analyse the present condition and to re-examine urban form, it will provide a meeting point for researchers and ideas on urban environment and health and consider new design and planning solutions. The international conference on Pandemics and the changing built environment will take place in a blended form in April 2022. We intend it as the first of a yearly series of meetings for scholars interested in pandemics and the transformations of urban form. We welcome proposals for papers and posters related to the conference topics. Abstracts of papers will be double peer reviewed by an

international scientific committee before acceptance. We encourage scholars, planners, architects and city managers to propose abstracts.

Abstract submission

Abstracts of papers and posters in English of not more than 4000 characters (spaces included) [3200 abstract + 800 references] may be submitted online using the Microsoft Conference Management Toolkit. All abstracts will be double peer reviewed by the conference scientific committee members; acceptance will be notified by email. You may submit your abstract through the Microsoft Research Toolkit (requires registration): <https://cmt3.research.microsoft.com/PUF2022/>

Abstract Template: [abstract template puf2022.doc](#)

The abstract should be sent as a MS Word doc file for Windows, prepared according to the abstract template. Font style is Century Gothic. The “Abstract” header should be typed in 12 pt., bold and initial in capital. The abstract text should be typed in 12 pt. The abstract should not exceed 3200 characters, spaces included. Save the file in word format (DOC extension), please name the file as follows: corresponding author's surname_first word of title.doc, e.g. verdiani_survey.doc [max 3Mb]

Please include in the abstract:

- References (max 800 characters, APA6 citation style)
- Author’s Photo jpg black and white 300dpi, 4x4 cm
- Short Biography of the presenting author should not exceed 1000 characters, spaces included.
- Please submit the abstract and the references only by copying and pasting the text in the submission window, please submit the Word.doc using the template file as an attachment.

Venue

Özyeğin University, Faculty of Architecture and Design was established in April 2012 with the Department of Architecture which had first 60 students in 2012-2013 Academic year. The new building of Faculty of Architecture and Design opened its doors in the spring semester of 2019-2020 academic year with studio spaces for 1,400 students, 26 classrooms, 9 students and research laboratories, and a model - digital model - design-do (wood-metal) and ceramic workshops. Özyeğin University, Faculty of Architecture and Design, Nişantepe Mahallesi, Orman Sokak, No:34-36, 34794 Çekmeköy, İstanbul, Turkey. For further details: <https://www.ozyegin.edu.tr/en/faculty-architecture-and-design>

Table 1. Conference tracks and topics

Conference tracks	Topics
Conference track 1: Learning from history	Historical plagues and urban transformations Pandemics, territorial cycles and morphological periods The Justinian plague and the collapse of classical cities The black plague and the Renaissance The Spanish flu and the modernist manifesto

Conference track 2: Shedding light on the contemporary world	The impact of the pandemics on the physical space Changes in social behaviours and in the built environment Smart working and new office spaces Public health policies and their effects on the built environment Virtual spaces/communications and the effects on real spaces Climate change, pollution, and waste treatment Online education
Conference track 3: The world is waiting for us to take action!	The impact of the built environment on public health Design and future solutions for public health Technologies, design, and smart cities Architectural responses to COVID-19 Hospital design and COVID-19 Pandemics and open spaces, roads, and parks New housing and building types Planning for health in the built environment From global metropolis to sustainable small towns Public transportation: airports, subways, train and hyperloop stations and bus terminals

Proceedings

Proceedings will be published after the conference in a volume with ISBN code, with SCOPUS indexing. We will give the PDF to the authors after publication, you may buy your hard copy online using print on demand. Selected papers will be also published after double blind peer review in a special issue of the Journal of Urbanism, and in a special issue of Forma Civitatis. International journal of urban and territorial morphological studies. Journal of Urbanism: International Research on Placemaking and Urban Sustainability, Routledge, London, Print ISSN: 1754-9175; Online ISSN: 1754-9183 <https://www.tandfonline.com/toc/rjou20/current>; FORMA CIVITATIS, International journal of urban and territorial morphological studies, Grünberg Verlag, Weimar-Rostock; GREEN OPEN ACCESS: J123-2020-FC; Print ISSN: 2748–2812; Online ISSN: 2748-3134, <http://www.formacivitatistis.com/>

Conference fees

Poster, 25 euro, poster, 10 minutes presentation, 12000 characters article

Paper, 75 euro, paper, 20 minutes presentation, 32000 characters article

Paper, Scientific committee member discount, 25 euro, paper, 20 minutes presentation, 32000 characters article

Contact

Dynamic Research on Urban Morphology-DRUM laboratory, Özyeğin University, Faculty of Architecture and Design, Nişantepe Mahallesi, Orman Sokak, No:34-36, 34794 Çekmeköy, İstanbul, Turkey, Website: <https://pandemicsandurbanform.ozyegin.edu.tr/>, Email: pandemicsandurbanform@gmail.com.

Table 2. Conference Timeline

Timeline	
Call for papers announcement:	May 21st, 2021
Abstract submission deadline:	October 21st, 2021
Notification of acceptance:	December 1st, 2021
Registration and payment deadline:	January 1st, 2022
Programme publication:	January 21st 2022
Conference:	April 28th-30th, 2022
Full paper submission deadline:	June 1st, 2022
Proceeding's publication:	Winter 2022

References

Duan, W. Z., et al. (2021). "Spatial Distribution of Exhalation Droplets in the Bus in Different Seasons." *Aerosol and Air Quality Research* 21(8): 19.

Portarapillo, M. and A. Di Benedetto (2021). "Methodology for risk assessment of COVID-19 pandemic propagation." *Journal of Loss Prevention in the Process Industries* 72: 13.

Varley, C. D., et al. (2021). "COVID-19 pandemic management and the rheumatology patient." *Best Practice & Research in Clinical Rheumatology* 35(1): 10.

Yang, X., et al. (2021). "Airborne transmission of pathogen-laden expiratory droplets in open outdoor space." *Science of the Total Environment* 773: 12.



Fig 1. Conference Venue



Pandemics & the changing built environment

Learning from history, planning for tomorrow

Call for papers

Tracks

- Learning from history
- Shedding light on the contemporary world
- The world is waiting for us to take action!

Timeline

- Call for papers announcement: May 21st, 2021
- Abstract submission deadline: October 21st, 2021
- Notification of acceptance: December 1st, 2021
- Registration deadline: January 1st, 2022
- Program publication: January 21st 2022
- Conference: April 28th-30th, 2022
- Full paper submission deadline: June 1st, 2022
- Proceeding Publication: Winter 2022

Visit the website below to register and for further information

pandemicsandurbanform.ozyegin.edu.tr

Organized by: International Network for Traditional Buildings, Architecture & Urbanism (INTBAU), Nanjing University, Kuwait University, University of Idaho, University of Trento, Özyeğin University, Dynamic Research on Urban Morphology (DRUM)



UNIVERSITY OF TRENTO



University of Idaho



with the Patrocinio of:



Associazione Storia della Città



graphic designed by: Luai Al Hussein

Fig 2. Conference poster