



16TH

INTERNATIONAL SCIENTIFIC CONFERENCE

URBAN COMPOSITION OF RESILIENT CITY

ORGANISED BY:

CHAIR OF URBANISM AND ARCHITECTURE OF CITY STRUCTURE OF FACULTY OF ARCHITECTURE
OF THE CRACOW UNIVERSITY OF TECHNOLOGY

URBAN SECTION OF THE ARCHITECTURE AND URBANISM COMMITTEE
POLISH ACADEMY OF SCIENCES

WORLD INSTITUTE FOR ENGINEERING AND TECHNOLOGY EDUCATION

ISUF POLAND INTERNATIONAL SEMINAR ON URBAN FORM. POLISH NETWORK

URBAN COMPOSITION OF A RESILIENT CITY

The city is contemporary man's natural living environment—with this conviction, in 2004 we began a series of international conferences organised in Cracow:

CITY WITHIN THE CITY	Cracow 14-15.05.2004
PUBLIC SPACE OF THE CONTEMPORARY CITY	Cracow 17-18.11.2005
LIVING IN THE CITY	Cracow 25-26.05.2007
THE HEART OF THE CITY	Cracow 26-27.10.2008
PUBLIC SPACE IN THE HOUSING ENVIRONMENT WITHIN THE CITY	Cracow 08-09.10.2010
FUTURE OF THE CITY – CITY OF THE FUTURE	Cracow 20-21.04.2012
FUTURE OF THE CITIES – CITIES OF THE FUTURE	Cracow 23-24.05.2014
11th CTV BACK TO THE SENSE OF THE CITY	Cracow 06-08.07.2016

(Congress organised jointly by the Institute of Urban Design of the FA CUT and the Center of Land Policy & Valuation ETSAB Universitat Politècnica de Catalunya in Barcelona)

Another of our international conferences is approaching, following a long tradition by the academic and scientific staff, coming from the former Institute of Urban Design, currently a part of the Chair of Urbanism and the Architecture of City Structures. The Conference regarding the URBAN COMPOSITION OF A RESILIENT CITY has been scheduled for 25–26 March 2021 as an online event. We invite everyone interested in issues concerning the contemporary city for active participation in the Conference.

We want to continue this academic reflection. The four years that have elapsed since the previous meeting are a relatively short time within the urban history. Nevertheless, it was a period when the number of questions about the future of the cities, but also—in more general terms—the world we

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build, intensified, while the discussion on the sense of globalisation processes has become much more dynamic. We talk about the perspective of a crisis.

Contemporary utopian visions of the cities of the future and the principles of shaping the urban living environment attempt to respond to this crisis. Civilisational development proceeds in the face of dynamic transformations of the environment we live in—climate change, the rising water level in the seas and oceans, reserves of natural energy resources becoming depleted, a search for alternative energy sources and production systems as well as the distribution of food for future city dwellers.

The incredible growth of cities is shown by data: in 2007, the number of the inhabitants of cities exceeded 50% of the global population (3.3 billion), in 2020, it reached almost 8 billion, whereas forecasts say that by 2030 the global urban population will reach 5 billion, in 2050 the total will be 9 billion, including 70% (6.3 billion) living in cities. Towards the end of the twenty-first century, the Blue Planet is expected to be populated by 11.0 billion people.

To what extent do visions influence city shaping today? What impact can they have in the nearest predictable future? Is thinking about the future just the dimension of a vision of possible happiness or also a question about solving existing conflicts in the long run?

RESILIENT CITY

How can contemporary cities deal with problems like the massive growth of urban populations, climate change, global warming, the worsening condition of the environment caused by air and water pollution, increasing waste production, economic problems, epidemics or social unrest?

The concept of the resilient city, first formulated in the 1970s, notes the necessity of treating the city as a coherent system, in which all stakeholders—local authorities, business owners and residents are willing to cooperate and wisely manage their city, ensuring not only optimal conditions for sustainable development, but also providing the ability to deal with the various crises faced by contemporary civilisation.

How does this idea affect the physical form of the city and the spatial development precepts of city structures?

We would like to present the following issues as the main themes of our discussion on the resilient city:

- The role of urban composition in city planning across history;
- Legibility of urban layouts as a vehicle for the timeless order of city structures;
- Urban composition versus urban morphology;
- Contemporary perspective on rebuilding cities damaged by war and natural disasters;
- The role of composed urban interior sequences in countering natural and man-made disasters;
- Sustainable development of cities and metropolises—is urban composition still needed?
- Urban resilience and its links with continuity and complementarity of public spaces;
- Accessible cities—resilient cities?
- Resilient polycentric metropolises;
- Smart cities and metropolises—are they resilient?

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- Integrated urban planning;
- Shaping urban composition—legal instruments and municipal policies;
- Urban design and planning education.

The Sixteenth International Academic Conference URBAN COMPOSITION OF A RESILIENT CITY is dedicated to Professor Jacek Gyurkovich—an architect and urban designer who has helped educate many generations of architects-designers and architects-scholars, a man of great creative passion and significant body of completed projects—in celebration of the fiftieth anniversary of the start of his professional and academic career.

The Professor is the co-creator of the current position of the Faculty of Architecture at the Cracow University of Technology, a member of the Architecture and Urbanism Committee of Polish Academy of Sciences, the former director of the Institute of Urban Design, a longstanding head of the Chair of Urban Composition and also the Dean of the Faculty of Architecture during the 2012–2016 and 2016–2020 terms, the author of a range of works of religious architecture. He is our Teacher and our Master.

In 2021, there begins the fourth quarter of the century since the establishment of the Cracow University of Technology and the Faculty of Architecture—which educate future personnel for the local and global economy. The Sixteenth International Academic Conference organised by the Chair of Urbanism and the Architecture of City Structures is symbolically dedicated to the Celebrant and His University. With Your participation, we would like to jointly affirm that, together, we still continue to pursue truth and good for the generations to come and develop the discipline of knowledge that we have been entrusted with—Architecture and Urbanism.

Kinga Racoń-Leja
Mateusz Gyurkovich

Anna Agata Kantarek

Conference curators

Head of the Urbanism Section of KAIU PAN

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