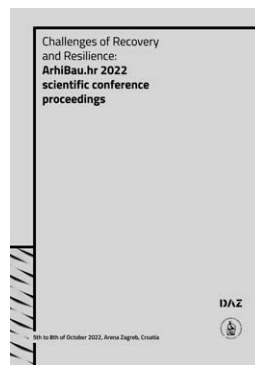


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## CHALLENGES OF RECOVERY AND RESILIENCE: ARHIBAU.HR 2022 SCIENTIFIC CONFERENCE PROCEEDINGS

IZAZOVI OPORAVKA I OTPORNOSTI:  
ARHIBAU.HR 2022 ZBORNİK RADOVA  
MEĐUNARODNOG ZNANSTVENOG SKUPA



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The international scientific conference entitled *Challenges of Recovery and Resilience: ArhiBau.hr 2022* was part of one of the largest construction fairs in the region, with an expert conference, organized by the Zagreb Society of Architects. The central theme of the four-day fair and the three-day conference *Challenges of Recovery and Resilience* poses exciting challenges for the construction sector and the architectural profession, which were invited to create solutions for complex issues of ensuring accelerated economic recovery and green transition for sustainable development, as well as greater resilience to future crises. The four-day program of the fair and the accompanying conference deals with topics that will engage stakeholders in the construction sector: from buyers to suppliers; from engineers to contractors; from investors to managers and insurers; from laymen to professionals; from the real sector to civil society, institutional sector, and public administration.

Due to the need to discuss and reflect on the specifics of the moment and new circumstances, the Zagreb Society of Architects (DAZ) initiated the organization of an event that included a wide circle of experts and scientists, who not only presented scientific research, but also discussed several contemporary topics in architecture, urban planning, and landscape architecture through numerous panels and discussions. The main part of the conference was conceived as a gathering that promoted the culture of architecture and sustainable development. Under the title *Challenges of Recovery and Resilience*, experts were invited not only to speak on topics included in the national recovery and resilience plan, green and digital transition, but also to discuss the New European Bauhaus, aspects of a circular economy within the construction sector, urban plan-

ning, sustainable tourism, green infrastructure, and issues of heritage protection, as well as the reconstruction of buildings after recent earthquakes.

In this context, experts defined ways, methods, and processes to reduce potential threats and damages, and, ultimately, when damage does occur, reduce tensions between participants, as well as speed up and simplify the reconstruction process. This is why the responsibility of experts in such situations is even greater: they can (and should) help in the restoration of everything that cannot heal or independently react to catastrophic events. The goal of the theoretical considerations presented during the conference was to analyze several key phenomena that define today's tasks of architecture and urbanism. Among them, several important topics, and current tasks in the observed field of activity were covered, including a new task of architecture to provide a possibility for individuals to remain alone and safe, having an obligation and sometimes even desire to isolate themselves from other people and to contribute to health and safety, at the same time maintaining social cohesion to a certain degree.

In this respect, architecture, urban planning, and landscape architecture ought to provide new approaches to responding to the challenge of context redefinition, providing thereby new perspectives on self-sufficiency, individuality, and collectivity. Their task is to discuss how a collective function can be protected, restored, and even enhanced by providing adequate material context in everyday life. Today's circumstances could change the very nature of terms and issues of alienation and self-isolation, and new principles of functioning are to be set up via new modes of communication. It is the context in which virtual environment and digital communication,

previously often mentioned in negative light, have become the only way of social interaction, thus creating real virtual societies with virtual activities. It might so happen that being a part of a virtual society is no longer a matter of choice, but rather of obligation.

Sixteen authors have presented and published their papers in the Book of Conference Proceedings. These papers present a valuable tool for understanding that the context of recovery does not rely only on reaction, but also on preventive action that will focus on resilient material and social structures. The titles of the published papers within the Book of Conference Proceedings are: *Primordial Lace Woven into the Fabric of the City, National and University Library of Kosovo*; *The History and the Future of the Industrial Plant for Confectionery Production in Zagreb's Ravnice / Kraš Grupa*; *Greening Cities: Combining Old Approaches and New Perspectives in Zagreb*; *The Transformation of the Public Urban Environment in Milan – From Green Corridors to Tactial Urbanism*; *Care as a Material Doing*; *Regenerative Architecture and Biocentric Habitation – Including and Transcending Building? Integrated sustainable building design approach in architectural student curriculum*; *Learning from the past: The Tropical Architecture in Kinshasa*.

The Croatian Academy of Sciences and Arts has contributed to the event not only through individual participation, but also via inclusion of its constitutive parts, especially the Croatian Museum of Architecture, which participated in the preparation and implementation of the exhibition *Kinetic Architecture*. This exhibition, which presented exceptional architecture created by Andrija Mutnjaković, F.C.A., presented an additional dimension of architecture as a phenomenon that, for many, bears significance precisely in the materialization of revolutionary ideas.