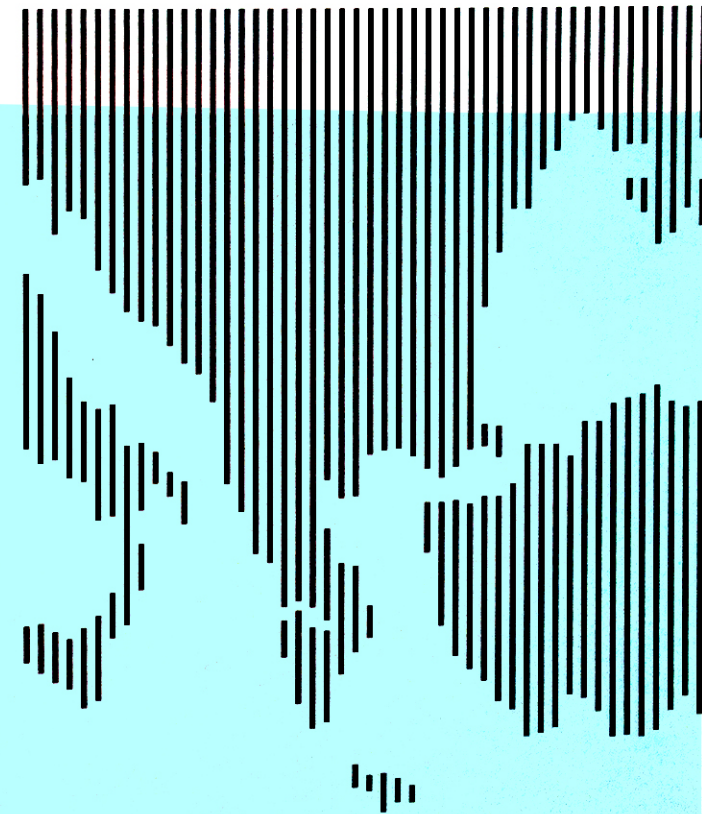


INTERNATIONAL CONFERENCE
DECODING BALKAN



CONFERENCE PROCEEDINGS



Министарство просвете,
науке и технолошког развоја

4th BAB INTERNATIONAL CONFERENCE

DECODING BALKAN: ARCHITECTURE, URBANISM, PLANNING

Belgrade, 14-16th of November 2019.

Faculty of Architecture in Belgrade

Balkan Architectural Biennale - BAB

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A WORD FROM EDITOR

IDE)coding Balkan presents a process of recreating Balkan identity based on previous traditions and future intentions towards desirable images. It is also the main topic of International conference which will be held from 15-17th of November 2019, venue Faculty of Architecture in Belgrade, gathering academics, professionals and practitioners in the fields of Architecture, Urbanism, Technology, Design, Geo-informatics. This year the special focus is on using contemporary instruments and tools in the process of sending messages in between Balkan differences focusing on enabling understanding and common space for creating new Balkan identity.

Therefore, it explores past, present and future codes of building, designing, urban regulation, morphology, urban planning, used instruments and tools towards new paradigm of green: more transparent, efficient, ecologically friendly societies urbanism, architecture and design. Ecology is one of the main issue of global society, so the focus is on using contemporary tools in the fields to meet global standards and traditional diversity exploring / decoding the past and present traditions to code them into coherent future actions among Balkan and the region.

Special topics of the conference are:

01_ARCHITECTURAL PRACTICES IN CODING NEW IDENTITY

02_PARTICIPATORY ACTION IN PLANNING, DESIGN, MULTICULTURAL SOCIETY — INSTRUMENTS AND TOOLS FOR CODING AND DECODING COMMUNICATION

03_URBAN DESIGN STRATEGIES FOR TERRITORIAL DEVELOPMENT — CODING STANDARDS, PROCESSES AND TRANSFORMATIONS

04_GEOGRAPHIC INFORMATION SYSTEM — GIS FOR URBAN PLANNING AND URBAN DESIGN — CODING PHYSICAL SPACE INTO VIRTUAL ONE

dr Tatjana Mrdenović
editor

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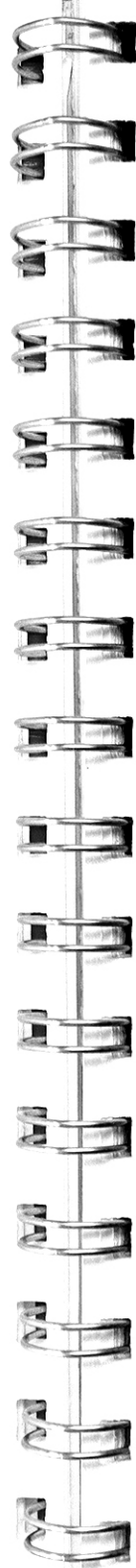
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RECREATIONAL QUALITY OF URBAN RIVERFRONTS: WHY DESIGN MATTERS?

Dr Jelena Živković, asoc.prof. University of Belgrade – Faculty of Architecture, Belgrade, SERBIA

Abstract

In planning and design theory, urban waterfronts are seen as special places that are vital for environmental, social and economic health and sustainability of cities. In contemporary practice, their development is therefore oriented towards activities that help develop better connections with nature, contribute to formation of new city image, and celebrate urban life.

Enabling urban recreation in waterfront areas has been recognised as important for achieving these goals. But how we understand what urban recreation is, and why it is important for urban life and development, shapes how we define and evaluate its quality. We argue that for developing vital and healthy cities, recreational quality of urban waterfronts should be considered through three dimensions that reflect its nature and purpose: use, environmental and integrative dimensions.

In this paper, specific segments of urban riverfronts in Belgrade are presented, their recreational quality is analysed and compared through the new framework, and is further related to their urban design characteristics. The research shows that urban design plays an active role in achieving recreational qualities of urban riverfronts, since it enables, supports or hinders actions and relations that can be made and re-made in urban space, by shaping its structure, elements and connections at different spatial scales.

Key words: Urban recreation, urban waterfronts, public space, green infrastructure, urban design

1. Introduction

Post-industrial restructuring of urban space opened up possibilities for cities to reconsider and re-evaluate their relation to their rivers, lakes and other waterbodies. Waterfront areas are now conceived as places of special importance for environmental, social and economic health and urban sustainability. In this new context, cities all over the world seek to develop better connections with nature, conceptualising waterfronts as parts of blue networks and green infrastructure; to create a new city image in order to attract tourists, inhabitants and investments; and to improve quality and celebrate urban life in all its forms (Marshall, 2001; ULI 2004; Breen & Rigby, 1996; Kibel, 2007; Otto et al. 2004; Gospodini 2001, 2009; Živković & Lalović, 2011).

Creating opportunities for urban recreation in waterfront areas has been recognised as important for accomplishing all of these goals (Craig-Smith & Faegence, 1995; Hough, 1995; Gastil, 2002; Živković, 2006; Ryan, 2006). In that sense, achieving high recreational quality of waterfront areas became an important issue for urban planning and design practice. Yet, academic literature reveals that it is still

not clear what *recreational quality of urban space* really means, leaving the debate open (Pena-Alonso et al. 2018; Albert et al. 2019).

In this paper we argue that for developing vital and healthy cities, recreational quality of urban waterfronts should be considered through three dimensions that reflect its nature and purpose: use, environmental and integrative dimensions. We apply this approach to specific segments of urban riverfronts in Belgrade, Serbia that reflect different historical political and socio-economic conditions that shaped urban form. We analyse and compare their recreational quality through the new framework, and relate results to urban design characteristics of the area in order to reveal its influence.

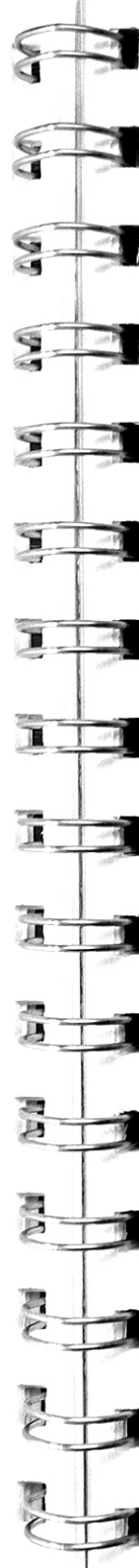
2. CONCEPTUALISING RECREATIONAL QUALITY OF URBAN SPACE

How we understand what urban recreation is, and why it is important for urban life and development, shapes how we define and evaluate its quality, and consequently plan and design waterfront spaces.

There are many definitions of urban recreation (Williams, 1995; Haywood, 1996; Hall & Page, 2006;) but if the goal of urban development is for cities to be vital and healthy, then meaning and purpose of urban recreation should be approached from the perspective of health. Health is in this paper conceived in a way that World Health Organization (1958) defines it - as "*a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity*". In this sense urban recreation can be understood as the process of psycho-physical regeneration of people in an urban environment, through the renewal and improvement of the psycho-physical body balance, creative and intellectual personal development, life enrichment and achievement of pleasant feelings and experiences in the city (Vesnić – Neđeral, 1991).

From that perspective, recreational spaces can be defined as all spaces that serve recreation through their functional and environmental properties, as determinants of the recreational value of space in urban environment. In that sense recreational value of urban space is determined by: a) recreational use of space (functional basis) and b) positive environmental influence of urban space properties on man as biological and psychological being (ecological, aesthetic, comfort dimensions) (Vesnić–Neđeral, 1991). Besides that, urban recreation can be understood as an integrative urban function that supports building connections between people, nature and places in urban areas (Živković, 2015; Živković & Djukanović, 2010).

Taking all this into account, recreational quality of urban space should be considered through *use, environmental and integrative* dimensions, thus reflecting the role of urban recreation in building



healthy cities. Belgrade's riverfront will be analysed through this framework in order to reveal why urban design matters for urban recreation.

3. RECREATIONAL QUALITY OF BELGRADE'S RIVERFRONTS

Recreational quality of Belgrade's riverfronts has been analysed, and its relation to urban design discussed on four segments of Sava and Danube rivers, developed in different historic periods. First one is promenade "Danube quay" in Zemun, designed and constructed in the pre-socialist period of Belgrade's development. The second and the third segments are located in New Belgrade and were both developed in the socialist period - The riverfront park "Ušće" at the confluence of Danube and Sava rivers, and "Sava quay" on the Sava river in New Belgrade's superblocks. Forth segment is "Sava promenade" located in central area of Belgrade and developed in the post-socialist period (Fig.1)



Figure 1:
Segments of Belgrade's riverfronts: a) "Danube quay" b) "Ušće," c) "Sava quay" d) "Sava promenade"(source: a) b) J.Zivkovic, c)D. Bacic, , d) A. Dmitrović)

The research shows that the political, economic and social conditions and changes are clearly reflected in the way urban riverfront areas have been designed and used for recreation.

Comparative analysis of the recreational quality of chosen Sava and Danube riverfront areas in Belgrade shows their difference in relation to all dimensions of recreational quality - to the recreational activities they enable, to the recreational environment they create, and to the potentials for interaction with other people and nature that they provide.

Study also reveals that urban design plays an active role in achieving recreational qualities of urban riverfronts. By shaping structure, elements and connections in space, it enables, supports or hinders formal and informal recreational activities, as well as relations between people and nature.

4. CONCLUSIONS

This research is based on understanding that that the recreational quality of urban space includes not only on how we can use space for pursuing recreational activities, but also on how qualities of space help people "re-create" and achieve their physical, psychological and social wellbeing in urban environment.

Through this framework, different segments of Belgrade's riverfronts achieve different levels of recreational quality. Their urban design reflects political and socio-economic conditions under which they were developed, and shapes possibilities for variety of recreational activities and for contact with people and nature.

Therefore, if we want our cities to be vital and healthy, urban waterfronts should be developed with broad public interest in mind to achieve high recreational quality in all aspects, and carefully designed as inclusive public places for people and nature to coexist and interact for mutual benefits.

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space for all, overcoming obstacles in communicative approach through art and creativity.

MODULE 4: Mobility systems in promoting city brand, Uroš Radosavljević, Robert Pressl

The objective of this module is to raise knowledge on mobility systems in urban planning and design and its role in branding the territory. The focus will be on soft measures that can be used as alternative thinking of movement through the city and its power in place branding. The participant will gain particular knowledge and skills on mobility tools and techniques for better accessibility and reading the place and territory

Tutors

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Uroš Radosavljević- professor at Faculty of Architecture in Belgrade – SERBIA

Tatjana Mrđenović- Sci. Asis. at Faculty of Architecture in Belgrade – SERBIA

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To whom it may concern

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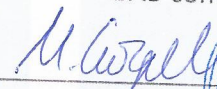
CERTIFICATE

Hereby, we confirm that **Jelena Živković** presented invited lecture titled **“RECREATIONAL QUALITY OF URBAN RIVERFRONTS: WHY DESIGN MATTERS?”** on International conference **“Decoding Balkan: Architecture, Urbanism, Planning”**, which was held in Belgrade, Faculty of Architecture in Belgrade from 14-16th of November 2019, organized by Faculty of Architecture in Belgrade and Balkan Architectural Biennale – BAB.

With kind regards,


dr Tatjana Mrdenović, MARCH

BAB commissioner


Marko Stojanović, art hist.

BAB director

