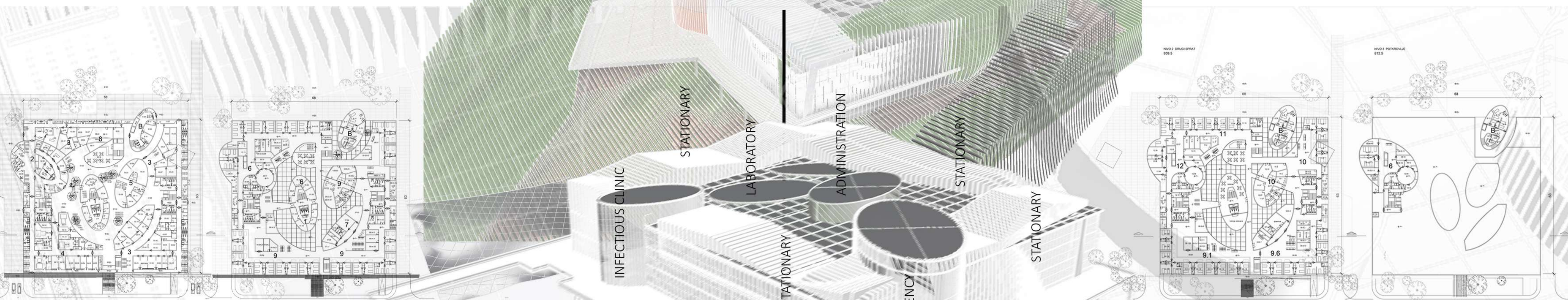


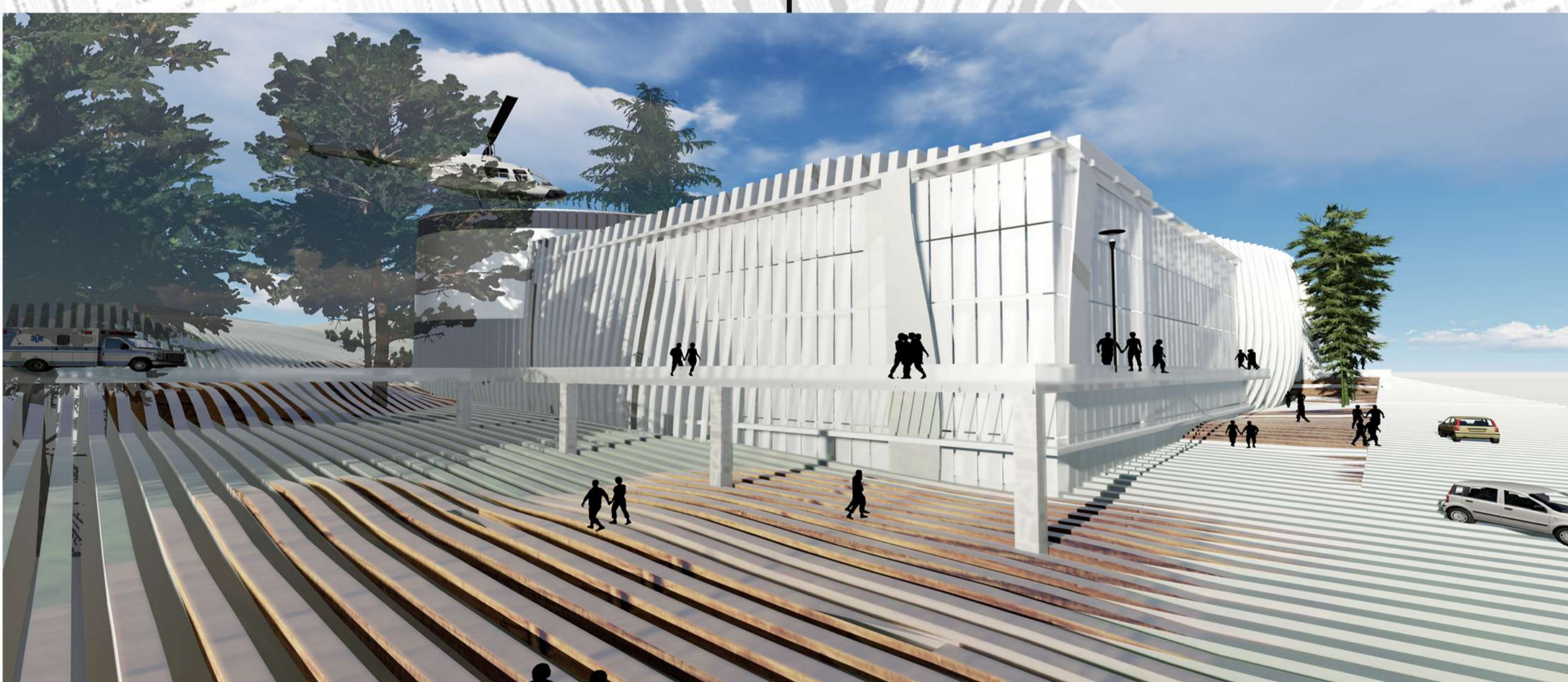
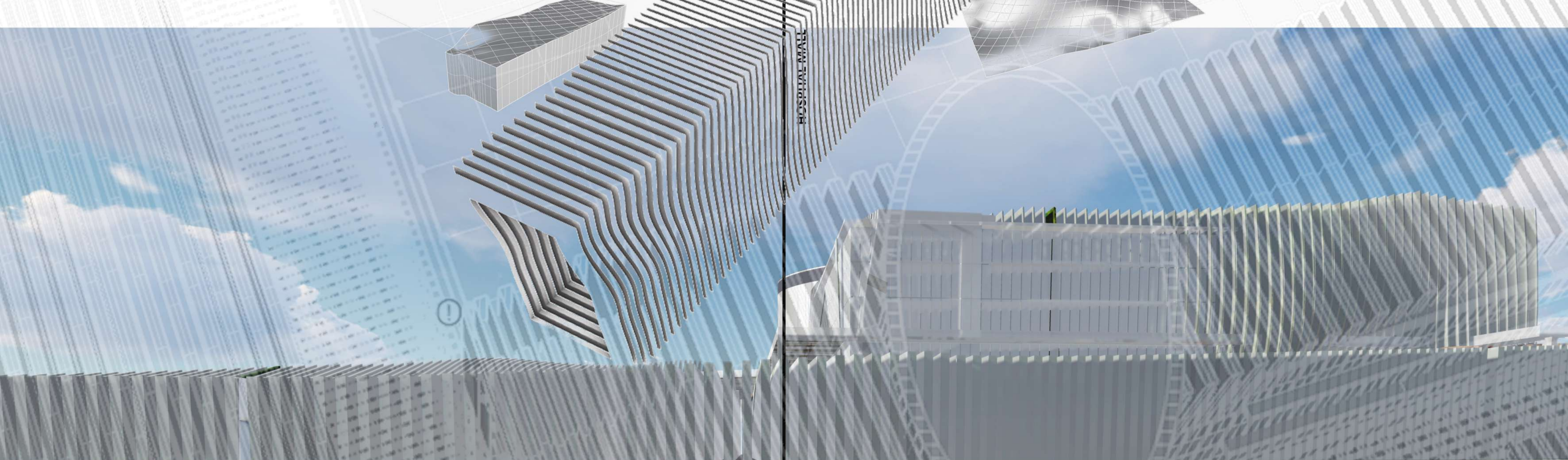
SUSTAINABLE URBAN FORM AS AN IDENTIFIOR OF ARCHITECTURAL SPACE
ARCHITECTURAL COMPETITION SOLUTION FOR HOSPITAL IN PLEVLJA

Authors: dr Tatjana Mrdjenovic Arch; Pavle Vasev, Arch



SUSTAINABLE DESIGN PRINCIPLE: FORM GENERATION THROUGH
TERRAIN SUBTRACTIVE VOLUME

It can be argued that we are currently making efforts to manage nature in a sustainable manner, which in turn serves as an indicator for future processes. In contemporary discourse, it is widely acknowledged that nature plays a significant role in shaping the concept of sustainability. Moreover, perspective on architectural space has brought about a shift in understanding, emphasising the importance of integrating the natural and artificial elements in a harmonious manner. This approach allows for the creation of a cohesive and interconnected architectural design that respects both the historical context and the inherent beauty of nature.





11TH INTERNATIONAL CONFERENCE AND EXHIBITION
DECEMBER 2023, BELGRADE, SERBIA

ON ARCHITECTURE -
**CHALLENGES
IN DESIGN**

EXHIBITION
BOOK

strand

SUSTAINABLE URBAN SOCIETY ASSOCIATION



ON ARCHITECTURE
— CHALLENGES IN DESIGN

EXHIBITION
BOOK

Belgrade, Serbia
2023

IMPRESSUM

Title

ON ARCHITECTURE
— CHALLENGES IN DESIGN
EXHIBITION BOOK

Publisher

STRAND – Sustainable Urban Society Association
Belgrade

On behalf of the Publisher

Ružica Bogdanović
STRAND – Sustainable Urban Society Association

Editor

Ružica Bogdanović

Design

Bogdan Maksimović

Print

Grid studio, Belgrade

Print run

100

Belgrade, 2023

ISBN 978-86-89111-33-0

PREFACE

At the beginning of the 21st century, faced with the challenges of climate change, depletion of resources, high environmental pollution, and hints at an uncertain future, we are questioning the various roles of architecture.

Whether technological development and the use of new concepts in design, the use of new materials in construction, the use of new tools in the creation of concepts can provide an answer, is the theme of the conference and exhibition "Challenges in Design".

The new concept of architectural objects and the use of materials in the isolation of objects and the concept of facade envelope are an inspiration and a challenge in creation. Is art a part or is it against the concept of an architectural work – art vs architecture. Whether architecture and new media and the use of virtual and augmented reality can be tools in architectural design is the question of the position of architecture in the digital era – from parametric design to VR and AI, as tools in design. In addition to new buildings in the transformation of the city and the change in the structure of activities, there are many huge abandoned industrial buildings, which refers to the topic of reconstruction – reworking of the city and architecture – reworking of architecture and the city – reuse of abandoned buildings and places.

That is why it is particularly interesting how cities will be organized in future development, how to improve the quality of work and life, and how architecture can help through the organization of space, materialization. In particular, the further improvement of information technology, which have made an outstanding contribution, enabling the holding of study programs in the faculties, as well as the holding of conferences and meetings.

Tatjana Mrdjenovic, Pavle Vasev

**SUSTAINABLE URBAN FORM AS AN IDENTIFIOR OF ARCHITECTURAL SPACE –
ARCHITECTURAL COMPETITION SOLUTION FOR HOSPITAL IN PLJEVLJE**

We can say that today we manage nature in a sustainable way and that as such it is already marked and becomes a signifier of further processes. As such, nature today can certainly be considered as a factor in the formation of a new ornamentation of the paradigm of sustainability, and its essential placement in the center of the architectural space is somewhat changed by Hans van der Laan the understanding of the architectural space as a limitation of the natural in realizing the connection and interweaving of the "historical lace" of natural and artificial.



CIP - Каталогизација у публикацији
Народна библиотека Србије, Београд

72(082)

711.4.01(082)

INTERNATIONAL Multimedia Event On Architecture. Exhibition "Challenges in Design" (11 ; 2023 ; Beograd)

On architecture — Challenges in design : exhibition book / [[within] 11th International Multimedia Conference] On Architecture, December 2023 Belgrade, Serbia] ; [editor Ružica Bogdanović]. - Belgrade : STRAND - Sustainable Urban Society Association, 2023 (Belgrade : Grid studio). - 84 str. : ilustr. ; 24 cm

" ... conference and exhibition "Challenges in Design". " --> Preface. - Tiraž 100. - Str. 3-4: Preface / Editor.

ISBN 978-86-89111-33-0

а) Архитектура -- Зборници б) Урбани дизајн -- Зборници

COBISS.SR-ID 130919945