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SPATIAL PLANNING AND
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ENHANCEMENT OF URBAN STRUCTURE WITH THE AIM OF REDUCING THE IMPACTS OF CLIMATE CHANGE ON THE EXAMPLE OF BELGRADE

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The enhancement of the existing urban structure aiming at reducing the impacts on climate change is a time consuming and complex task associated with planning, technology, building construction, economic mechanisms, education and modalities of the application through implementation. Belgrade is an exception model suitable for investigating this issue because it has diverse urban tissue typology, from the city of 19th century through modern patterns to unplanned construction. On the other hand, its topography is very diverse, from plains to hills. Its microclimate is also diverse with relation to morphology and biological and hydrological characteristics.

The analysis of urban tissue and physical structure, with a view of the current strategies and planning documentation, was a research starting point which was followed by the valorization of different possibilities of implementing the instruments and technologies on typical parts of urban tissue of Belgrade. The outcome is a set of urban and planning, as well as production rules which could serve as a starting criteria for future plans for the urban tissue redevelopment, but also for the development of new parts of the city.

Key words: improvement of urban structure, climate change, building rules, Belgrade

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