

## **OPINION**

by Prof. Dr. Eng. Arch. Penyo Dosev Stolarov  
scientific specialty "Architecture of buildings, structures, facilities and details" from LV  
5.7 "Architecture, construction and geodesy"

SUBJECT: Dissertation thesis for the acquisition of the educational and scientific degree "doctor" in professional field 5.7. Architecture, Construction and Surveying, with Ph.D. Armend Hajrush Fazliu, PhD in Self-Study at the Architecture of Buildings, Structures, Facilities and Parts, New Bulgarian University, Master's Degree, Department of Architecture

TOPIC: Sustainable Development of the City of Pristina, Republic of Kosovo and the Revitalization of the Living Environment

SCIENTIFIC MANAGER: Prof. Dr. Arch. Georgi Georgiev

The opinion was prepared on the basis of Order No. 3-PK-15 of 09.10.2019 of the Rector of NBU, by which I am approved as a member of the scientific jury. When writing the opinion, the requirements of the Academic Staff Development Act, the Rules for its implementation and the Regulation for the development of the academic staff of NBU were observed.

Present from Arch. Armend Hajrush Fazliu's materials are in accordance with the ZRARBB, the Regulations for its implementation and the Regulation for the development of the academic staff of NBU for the award of the educational and scientific degree "Doctor" and contain:

- thesis work;
- abstract;
- CV - European model;
- author's publications on the subject

The dissertation contains 208 pages (198 pages in the English version), 146 figures (photographs, diagrams, drawings, incl. 8 tables), bibliography - 40 sources, a list of publications of the author on the topic - 3 issues. (2 papers and one report at an international conference at NBU). The dissertation is structured in 6 modules - introduction, four parts and

last module - conclusion. The abstract for the dissertation contains 81 pages, including 62 figures, of which 7 are tables.

It should be noted the relevance of the topic and the relevance of how it is developed. In the dissertation a general situational analysis of the current development of the city of Pristina is made and the problems in it are diagnosed, the state of the living environment and the management of the residential buildings are examined, scenarios for different variants of future development are made. The need for a new, in-depth look at the development of the city stems from the deep geopolitical, environmental and socio-economic changes in recent decades, both in the world and in the specific settlement and region that is the subject of dissertation work. These changes place new demands on the spatial urban environment, and in particular the living environment, and predetermine the need to redefine the guidelines for their future sustainable development.

The author of the dissertation successfully deals with the topic, proposing concrete steps, models, scenarios and alternatives of the necessary urban and architectural and urban planning interventions after a thorough analysis of the development of the settlement territory and its elements over time. The dissertation contains a thorough and comprehensive study of the spatial development of the city of Pristina. Particular attention is paid to the development of the living environment, in addition to architectural and spatial aspects, issues of housing management and maintenance, energy efficiency and ecology are also addressed..

Arch. Armend Fazliu is well-versed in the area of research as a resident of the city, as well as an architect engaged in teaching and design - mainly in residential buildings. Literature sources used in the research are relevant to the topic of the thesis and are correctly cited. The methods of research adopted by the doctoral student are in accordance with the complexity of the problem and the goal. Attached by Arch. Armen Fazliu's research methods allow him to achieve the goals and objectives set in his dissertation.

The dissertation work of Arch. Armend Fazliu is logically structured, the text is richly illustrated, with the author consistently and convincingly presenting his abstracts. The theoretical model of the study is substantiated and properly developed. The dissertation contains both theoretical and practically applicable results, offering concrete ideas for the future development of Pristina. The main contributions of scientific work may include:

- Assessment of the state of Pristina, outlining the main problems and strategic guidelines for its sustainable development
- situational analysis of the socio-economic and space-time development of Pristina
- conducting comprehensive comparative, procedural and adaptive analysis and formulating conclusions on the state of the housing environment in Pristina
- Consideration of the topic of revitalization of the residential environment in the context of the sustainable development of the city
- bringing out the current architectural and urban planning problems of the building structures and inter-building spaces in the residential quarters
- introduction of typology of neighborhood structures and evaluation of their attractiveness
- developing guidelines for the sustainable development of Pristina in its various aspects through alternative scenarios, city-wide development priorities and enhancement of cultural identity

The dissertation can be used as a basis for future research and specific project developments, both for the city of Pristina and for other Kosovo settlements, as well as in the contact areas of knowledge.

The abstract presents the dissertation work faithfully and meets the legal requirements, and it correctly sets out the main productions, content, achieved results and scientific contributions as well as the author's statements and publications on the topic of the dissertation.

## **CONCLUSION**

The dissertation work of the doctoral student corresponds to the requirements of the ZRASRB, the Regulations to it and the normative documents of the New Bulgarian University in this field. The dissertation shows the depth of the researched area, as well as the author's ability to combine theoretical and practically applicable knowledge and results and opportunities for independent scientific research.,

**Considering the qualities of the presented work, I give a positive assessment of the dissertation work and I strongly recommend that the venerable scientific jury award an arch. Armend Hajrush Fazliu Educational and Scientific Degree in Doctoral Degree in Architecture of Buildings, Structures, Structures and Details from Professional Degree 5.7. Architecture, Construction and Surveying.**

January, 2020

Prepared the opinion:

Prof. Dr. Eng. Arch. Penyo Stolarov