

REVIEW

from a domestic scientific supervisor for the thesis
by Laura M. Aukhadiyeva
on the topic “*Trends in the development of modern regional
architecture of Kazakhstan*”
for the degree of Doctor of Philosophy (PhD)
in the educational program
8D07311 – Architecture

The pathways for the future development of architecture have always been among the most debated and pressing issues in architectural science and practice. This topic is particularly relevant at the turn of the millennium, in the context of the intersection of global and local interests across various fields. Architecture in the 21st century is also involved in the process of adapting new challenges and global practices to local conditions.

The thesis topic of Laura M. Aukhadiyeva aligns with contemporary scientific trends aimed at improving local architecture in the context of globalization. The research contributes to the implementation of significant national and international programs, including the “Strategic plan for the development of the Republic of Kazakhstan until 2025”, “Concept of sustainable development of the Republic of Kazakhstan for 2007-2024”, UN sustainable development goals, the “Copenhagen lessons” of the UIA, and others.

The scholarly value of the thesis research “Trends in the development of modern regional architecture of Kazakhstan” is determined by the necessity to identify pathways for the further development of regional architecture in Kazakhstan, encompassing various aspects: technological, environmental, humanitarian, and creative.

The work adheres to the principle of independence: the author conducted the research based on a thorough study of a large volume of theoretical sources, design and graphical materials, participation in a competition for the reconstruction of a residential complex, and a survey of 824 respondents from different cities in Kazakhstan. All of this allowed the candidate to deeply engage with the topic under study and develop a series of propositions presented for defense.

The PhD thesis demonstrates internal coherence: all four sections exhibit logical continuity. The object, subject, scientific novelty and theoretical and practical significance of the completed work meet the high standards expected of a dissertation. The research methods systematically addressed the set tasks and achieved the research goal of theoretically justifying and defining the key trends in the development of modern architecture in Kazakhstan as responses to regional and global challenges, while considering current trends and highlighting priority areas.

The conclusions of the dissertation research are well-founded, theoretically argued, and applicable in the scientific domain: the trends identified in the dissertation as primary directions for the development of Kazakhstan’s architecture resonate with global trends in this field.

The propositions presented for defence are novel and scientifically valuable, addressing significant challenges in the field of environmental organization in our country. The principal findings of the dissertation have been disseminated by the author through presentations at conferences; publications in journals indexed in international databases such as Scopus; journals recommended by QACES - Quality Assurance Committee for Education and Science; and foreign professional journals.

The volume of the dissertation, the standard of academic writing, and the quality of the graphical interpretation of the author's scientific ideas expressed in the exposition fully meet the requirements expected of PhD dissertations.

The process and outcomes of the presented dissertation lead to the conclusion that Laura M. Aukhadiyeva possesses the competencies to perform professional tasks at a high level, drawing on advancements in architectural science and practice. In her scholarly and practical work, she extensively employs project methodologies and modern graphic programs, conducts sociological surveys of populations, and demonstrates a high proficiency in presentation technologies.

Moreover, the candidate is positively characterized by her active engagement in life, leadership qualities, and her role in guiding student participation in university, national, and international creative competitions.

It can be affirmed that Laura M. Aukhadiyeva has developed as both a responsible, creative individual and a young researcher capable of setting and addressing diverse scientific challenges.

I consider Laura M. Aukhadiyeva's dissertation on the topic "Trends in the development of modern regional architecture of Kazakhstan" to be a completed scientific qualification work, meeting the requirements for awarding degrees in the Republic of Kazakhstan. The author is deserving of the Doctor of Philosophy (PhD) degree in the educational program 8D07311 – "Architecture".

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Doctor of Architecture, Professor,
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16.05.2024.

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