

REVIEW

by a foreign scientific consultant on the dissertation of
Laura M. Aukhadiyeva
titled **“Trends in the development of modern regional architecture
in Kazakhstan”**
for the degree of Doctor of Philosophy (PhD)
in the educational program
8D07311 – Architecture

At the turn of the 20th and 21st centuries, as the world embarked upon a qualitatively new stage, commonly referred to in global academia as globalization, scholars from various nations delve into the trajectories of humanity’s further progression. In this process, architecture assumes a pivotal role, as a discipline and a practical arena for shaping the human habitat. The emerging global challenges of the post-industrial phase of human civilization (including environmental concerns, the restructuring of the worldwide economy, innovative technologies, and the digitization of all aspects of life) necessitate a profound examination of the state of architecture and the delineation of its developmental prospects.

The dissertation thesis authored by Aukhadiyeva L.M. aligns with contemporary scientific trends aimed at refining architecture within the context of regional responses to globalization processes. This is evidenced by the adaptation of widely prevalent practices to local conditions. The study is conducted within the framework of ongoing state and international initiatives (such as the “Strategic Plan for the Development of the Republic of Kazakhstan until 2025”, the “Concept of Sustainable Development of the Republic of Kazakhstan for 2007-2024”, and the United Nations’ Sustainable Development Goals).

The significance of the dissertation research entitled “Trends in the development of modern regional architecture in Kazakhstan” within the academic realm stems from the need to analyse and grasp the fundamental principles underlying the formation and identification of trends for the future advancement of regional architecture in Kazakhstan. This research specifically focuses on identity as a crucial element of regional architecture.

The definition of the object (architecture of buildings and structures), subject (origins of the contemporary state of architecture in Kazakhstan, as well as the identification of trends shaping its regional uniqueness and ensuring sustainable development in the future), aims, scientific novelty and practical value of the completed dissertation thesis align with the requirements expected of scholarly research.

The key propositions presented for defence reflect the research’s thematic scope and encompass:

- analysis of the evolution of architecture in Kazakhstan during the 20th century;
- examination of the transformation of Kazakhstan’s architecture at the end of the 20th century, transitioning from Soviet modernism to global trends;

- establishment of a “classification tree” outlining the architectural issues in Kazakhstan within regional and global contexts;
- justification of the role of architecture in shaping regional identity;
- the principle of a critical approach to the use of traditions and innovations in the modern architecture of Kazakhstan;
- trends in the development of regional architecture of Kazakhstan in the 21st century in the context of local and global challenges.

The author of the study consistently and convincingly confirms the reliability of the proposed provisions through the application of general scientific methods—such as analysis, theoretical research, and surveys—as well as by participating in the competition for the reconstruction of a facility in the city of Almaty (the “Three Heroes” residential complex).

The content of the dissertation exhibits internal cohesion: all four sections (1. Development of World Architecture in the 20th Century; 2. Evolution of the Architecture of Kazakhstan in the 20th Century; 3. Current Aspects of the Formation of Modern Regional Architecture of Kazakhstan; 4. Trends in the Development of Architecture in Kazakhstan in the 21st Century) are logically interconnected and systematically address the defined objectives, thereby achieving the study’s aim – to theoretically substantiate and identify the principal trends in the development of modern architecture in Kazakhstan as a response to regional and global challenges, considering current trends and highlighting priority areas.

The completed work demonstrates the applicant’s level of independence, as evidenced by the authorship of numerous publications, personal presentations at international conferences, and the implementation of research findings in a project for the reconstruction of a residential complex in Almaty.

The principal conclusions formulated by the author of the dissertation are well-substantiated, theoretically sound, and practically applicable within the scientific domain. The trends identified in the dissertation as the primary directions for the development of architecture in Kazakhstan resonate with the challenges faced by other countries in this field.

The quality of writing and design, the length of the dissertation, the graphic exposition, and the level of scientific presentation of the text fully meet the standards required for academic works of this type.

In the process of completing her dissertation research, the candidate, Laura M. Aukhadiyeva, showed personal qualities that characterized her as a person ready for scientific research and pedagogical work.

During her online internship at Samara State Technical University in November 2021, the candidate demonstrated knowledge, skills, and abilities appropriate to her level of training, and she proved herself to be an inquisitive and responsible young researcher. Throughout our consultations, we observed Laura’s technical capabilities, as she consistently displayed an excellent level of proficiency in graphic programs, utilizing digital technologies for her research, including conducting a large-scale survey of more than 800 people from various cities in Kazakhstan. The candidate is also positively characterized by her personal participation in


international (UIA Congress in Copenhagen, 2023) and Kazakhstan's creative events, where she tested some of the propositions of her dissertation.

Based on the above, it can be concluded that the dissertation on "Trends in the development of modern regional architecture in Kazakhstan" is a completed scientific qualification work that meets the requirements of the Rules for Awarding Degrees of the Republic of Kazakhstan, and its author Laura M. Aukhadiyeva, is deserving of the degree of Doctor of Philosophy (PhD) in the educational program 8D07311 – "Architecture".



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