

SPACE COMPONENT OF THE CITY ARCHITECTURAL ENVIRONMENT

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The urgency of the problem. Nowadays the topic of space exploration has proved to be very relevant for the world as a whole and for Ukraine. Almost all spheres of science are developing rather methodically and gradually. At the same time, space exploration is heterogeneous due to a number of factors, including economic, social and political factors. The sharp decline of Ukrainian space activity in the first years of independence and in times of crisis, of course, had a certain impact on the further progress of this field. However, our country is still a leader in space exploration. And our country provides space products, services and technologies in the world market. This year it has begun a development a plan of the integration of Ukraine into the European Space Agency[1]. This work is mainly done on initiative of the scientists and not indifferent people who emphasize the importance of the development of astronautics and aviation, in particular by means of architecture [2].

The problem is that the development of the Ukrainian space industry needs a constant focus on itself. Otherwise, the more "squat" problems of the domestic economy are pushing it out of the list of priority tasks. An important goal of our generation is to keep the space industry at a desirable level to develop it in the sequel. Unfortunately, this issue is not currently being promoted by potential specialists, and the interest in this field is gradually disappearing. In most cases, the people are not aware of the country's achievements in space and do not consider it important.

It can be used an architectural environment to promote cosmonautics. Firstly, it involves all ages of citizens. Secondly, the information from the environment is unobtrusively delayed in the subconscious. Thirdly, it forms the correct and true idea of the cosmos. Every town or city of Ukraine that is connected with cosmonautics reflects the space theme in its own territory. These are 65 museums dedicated to space exploration, urban names (names of the streets, avenues and squares), small architectural forms, scenery and etc. [1].

The goal of the work – to analyze the means that have been used (and continue to be used) in the territory of the town of Druzhkovka, Donetsk region, to promote the theme of Space.

The main results. The architectural tools identified during the study can be divided into three conditional categories:

Urban planning: toponymy of town objects (Kosmonavtiv Street, Kosmonavtiv Alley);

Material: museums (Museum of Revolutionary, Combat and Labor Glory of Druzhkivka Machine-Building Plant), Cinema "Kosmos"; elements of improvement of the town territory (Small Architectural forms, Forged Figures, Pic.1);

Visuals: (murals on the facades of buildings, murals dedicated to space flight, Pic 2).



Pic.1. Forged Figure of the Earth



Pic.2. Mural on the wall of apartment building, an artist Chernov S.V.

The Improvement elements create the appropriate atmosphere in the open spaces of the town. In addition, forged figures, sculptures, murals, porcelain works are the value as the objects of the art. They often become the places of interest that are attractive to tourists. Visuals means have not only an informative function but also they create the image of the town. These are the urgent measures to maintain the proper condition of the old facades of the town where there are not any new constructions there. The drawings create a unique style along the street. Such attempts to promote space activities are the working tools of influence on consciousness. But due to the long service life and poor technical conditions, such objects lose their function: existing murals need restoration and well-known installations need restoration with the use of archival materials. You can provide utilitarian features to objects to get more people's attention to them (device charging station, wifi systems, drinking fountains, rain protection, etc.), to involve the population in the space redevelopment etc.

Conclusions and suggestions.

1. The promotion of science and space in the architectural space of the town is possible through the renewal of existing objects and creation of new objects, modern technologies, in particular the media.
2. Multifunctional objects that reflect the historical aspects of Ukraine's cosmonautics have played an important role in the education and transformation of the environment into a modern art space.

References:

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