

Short Reports

EDUCATION SPIRITUAL AND MORAL CULTURE OF THE POPULATION (FOR EXAMPLE ACCOMPLISHMENT OF TERRITORY NABEREZHNYE CHELNY)

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Improvement of city is included one of the most urgent problems of modern urban planning now. It solves the problem of creating a favorable living environment to ensure a comfortable environment for all activities of the population. Improvement of cities included in the national project of the Republic of Tatarstan. Tasks for improvement of the city Naberezhnye Chelny reduced to create favorable conditions for the life of the urban population. In the implementation of this direction external landscaping, functional and spatial structure, objective equipment of open areas and landscape design are becoming increasingly important [1].

The main reason for the problems of land improvement stems from the fact that the policy of national regional cities was limited mainly to the increase and change in the sources of the costs of municipal services without major institutional reforms, taking into account the changing role of cities in national and regional economies. Urban economic policy can now determine how the package of measures carried out in the interests of the local population by local authorities within a certain concept. In the Year of parks and squares (those declared in 2015 by the Government of the Republic of Tatarstan) focuses on recreational areas and landscaping the surrounding territory. The Republic of Tatarstan allocates their accomplishment billion rubles. Naberezhnye Chelny of this amount will receive 136 million rubles [6]. Local area should give owners a sense of freedom, security and comfort. Urban local area forms a single composition, which should dominate harmony and agreement. This should be considered revising in the selection of improvement home territory [3].

Analysis of the adjoining areas in the complex with houses, to which it is adjacent, as a liaison between groups requires a thorough study, as well as further consideration of options to improve the situation. Complexity of the process does not concede many research projects related to the study of ecology in the neighborhood and the various urban development projects. Often, when considering the data and making decisions on the management and implementation of any internal yard work are just a formality.

The study by the authors in 2015 in the city of Naberezhnye Chelny found that look at the issues

involved ambiguous. Among men and women there are different opinions and therefore should be separated by sex surveys in the project landscaping.

So 41% of women are satisfied with the state of the territory near their homes, many also believe that it is necessary to make small changes. Men are more dissatisfied with the court, the figure was 37%, even 25% of respondents claimed that state courts does not suit them and the territory need to make adjustments. The same number expressed their indifference to the local area. 75% of respondents do not spend time in their yards, because appearance of the area does not attract their attention. [2]

The creation of conditions to ensure the distribution of space for the convenience of any age is one of the most urgent problems of the modern national project. In this regard, practice became popular in the city Naberezhnye Chelny in the implementation of parks and boulevards of free internet cafe, which corresponds to the current way of life most of the young people and even adults [2]. Model attracting people to Spending more time in public places introduced in the project accomplishment of territory. Proper use of high technology favors the problems of employment and mobility of children – teenagers.

There is a certain area under the playground equipment in many yards. However, they sometimes take some undefined area in the courts, and their condition causes negative emotions and looking at some slides, swings and other equipment there is a question about the safety of their children. More than half of respondents (56%) believe that the playground safe in their yards. 17% reported the unsuitability of the equipment at the sites, the same number of respondents said that in their backyards is not a playground. Evidence suggests that the municipal authorities of cities that are responsible that their backyards are not playgrounds for the appearance of areas still dealing with the issue of the physical development of children, as well as interested in their security. But this does not solve the issue with the rational use of space and proper installation site. It would be much better division of territories under a certain age group [2]. The same principle should be used throughout the local area. Placed at the entrances of shops attract different age groups. 42% of respondents are satisfied with the number of benches and benches in the courts, as well as their views. In many yards benches with metal frame and wooden floors are put. They do not spoil the appearance of the court and shall not seek to dismantle the bullies. However, 34% of respondents are not satisfied with the appearance of the benches. Thus, despite the general situation acceptable in the areas adjacent to homes, residents of the city of Naberezhnye Chelny would like to make suggestions to improve the situation in the national

project Accomplishment of territory: 53% of respondents want to see in their backyards separate sports field for soccer, basketball and other outdoor games. 67% of respondents noted that the themed playground is of interest for the development of children's fantasy and fairy tale image improves the perception of the territory. Just ask to pay attention to landscaping, as it is often overgrown with grass area, there are no beds. 17% say there is no organized parking in the yard. 100% of men said that they need parking for cars, 17% of women against the separate place for parking cars, 62% of respondents among the female population still consider it necessary to do so. [2]

However, the information provided gives only a superficial assessment of the situation, they missed the personal relationships of different groups of the population to the present situation, as well as opinions on future developments that will affect the national project of improvement of modern cities. Thus, we conducted a case study is a step towards better relations in society, greater understanding between the authorities and the population of the city, raising the ratings of influence and trust in the local authorities. Diagnosis of existing problems, timely proposal to resolve conflicts – the basis of social harmony and the common rhythm of life in the city.

The government should pay attention to even minor problem in the Accomplishment of territory and encourage citizens to contribute their decision. One means of citizens' participation in the project is the improvement of adjacent territories contest. To summarize this work, we would like to note the following:

In 2015, Naberezhnye Chelny won the national contest "The most comfortable item of Tatarstan in the category of cities with a population of over 100 thousand people", carried out by the Ministry of Construction Architecture and Housing and Communal Services of the Republic of Tatarstan. As well as the interaction of various social institutions of the city will help in the formation of spiritual and moral culture of the younger generation [4, 5].

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ACCUMULATION OF RADIONUCLIDES IN NATURAL OBJECTS IN CENTRAL PART OF MURMANSK REGION

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The work presents results of research, carried out in central part of Murmansk region, area of Kolskaya nuclear power station. Distribution of natural and anthropogenic radionuclides in soil profile and their accumulation in plants has been studied.

Enterprises of mining and metallurgic industry, base of Northern fleet, objects of storing radioactive wastes and processed nuclear fuel are located in Murmansk region, Kolskaya NPS is also placed in it, and it can be considered as an object of potential radioactive hazard for people and natural environment [2]. Kolskaya NPS is the first nuclear power station in Russia, constructed outside Polar circle. It is located at the bank of lake Imandra, 11km away from its satellite town Polarniye Zori and 170 km away from the regional center – the city of Murmansk [1]. The nuclear power station was erected in 1973–1784 and now has 4 power blocks with reactors of WWER in exploitation, power of each one equals 440MVt [6].

Many years of experience in ecological researches, carried out in the region of Kolskaya NPS, testify for a lack of any significant changes in radioactive background in the region of its location [3]. However, until modern days no detailed study of radionuclide accumulation in vegetative surfaces have been carried out.

Objects and methods. Objects of the research are: soil (illuvial-chalybeate and illuvial-humus-chalybeate podzols, small-podzol and tiny soils, and also sandy soils on boulder rocks) and components of vegetation – blackberries (*Vaccinium myrtillus* L.), birch trees (*Betula pendula* Roth. X *Betula pubescens* Ehrh.), and reindeer lichen (*Cladonia stellaris* (Opiz) Pouzar & Wezda).

Selection of samples has been carried out during 2009–2014 at 10 stationary sample areas that represent pleurocarpous moss lichenous blackberry pineries. Areas were located within the area of observation, at distance of 10–15 km from Kolskaya NPS.

Radiometrical filming of the territory was carried out via searching radiometer SRP-68-01 and dosimeter-radiometer DRPB-01. Samples of soil and vegetation were selected in accordance with general requirements of sample selection [7].