

Optimization environment urban development in different conditions of degraded landscapes.

In the modern industrial city most consistent solution that provides a gradual creation of conditions to optimize urban environment, is the implementation of architectural and landscape rehabilitation of urban areas. Implementation of reconstruction works associated with changes in the quality of the urban environment, can be effective only if their social and ecological. In this regard, architectural and spatial formation of the urban environment is considered in conjunction with the functional and ecological optimization and compositional harmonization.

According to the dominant influence of technogenic landscape potential of coal-mining regions proposed recommendations appropriate choice of urban planning techniques to optimize the impact of landscape structure:

- The quality aeration processes to achieve wind-gas dust comfort of the urban environment;
- Functional use of the territory for the purpose of ecological improvement of the urban environment;
- Formation of architectural and spatial composition for the purpose of aesthetic improvement of the urban environment.

Analysis of urban structures with complex shapes degraded landscape points to the need to develop their versatility and multires. Formation of architectural planning, three-dimensional compositions is the result of the semantic content of methods of spatial environments. A group of these methods of disturbed urban environment, which aim to:

1. Increasing utility area (utilitarian, sanitary and aesthetic) incl.:
 - Increasing the density and variety development;
 - Removal of areas not used;
 - Man-made transformation plots in urban centers with features attraction public recreation and leisure residents.
2. Re operation "passive" active areas in the urban environment of the multifunctional structure, namely:
 - Diversification of infrastructure in areas rehabilitated impaired environment;
 - The formation of a functional city within the frame of degraded landscapes;
 - Providing them relief centers communicative functions tensions of the urban environment.
3. Improving the environmental situation in the region by:
 - Output of man-made hazardous areas with discharge affecting the environment;

- The inclusion of degraded landscapes in greening the city and create its ecological frame;

- The creation of "green filter" industrial zones of the city due to large-scale planting of disturbed areas and in the sanitary protection zones recreational areas;

- Organization of remediation measures damaged areas to create "barriers" to curb the spread of gas and dust emissions in the urban environment.

Thus, re-cultivated and planted and built or ordered degraded landscapes, both urban accents are concentration means a visual composition, architectural and spatial, functional and relevant skills of basic units, which suggests their significant urban values.