

## ON THE CONTENT OF THE MONITORING OF SNOW DUMPS AND THEIR INFLUENCE OF THE LANDS OF NORTHERN CITIES (ON THE EXAMPLE OF TOMSK CITY)

*Valeriy B. Zharnikov*

Siberian State University of Geosystems and Technologies, 10, Plakhotnogo St., Novosibirsk, 630108, Russia, Ph. D., Professor, Department of Cadastre and Territorial Planning, phone: (383)361-05-66, e-mail: v.b.jarnikov@ssga.ru

*Ol'ga A. Pas'ko*

National Research Tomsk Polytechnic University, 30, Lenin Avenue, Tomsk, 634050, Russia, D. Sc., Professor, Division for Geology, School of Earth Sciences & Engineering, phone: (3822)60-63-85, e-mail: oap@tpu.ru

*Natal'ya S. Ushakova*

National Research Tomsk Polytechnic University, 30, Lenin Avenue, Tomsk, 634050, Russia, Ph. D. Student, Division for Geology, School of Earth Sciences & Engineering, phone: (3822)60-63-85, e-mail: ushakova@green.tsu.ru

*Elena S. Makarcova*

National Research Tomsk Polytechnic University, 30, Lenin Avenue, Tomsk, 634050, Russia, Master Student, School of Earth Sciences & Engineering, phone: (3822)60-63-85, e-mail: elena.makartsova.95@yandex.ru

Land degradation in northern cities due to long winters, mechanical snow removal and cyclical processes of freezing and thawing of soils and soils, the impact on them of different dynamics of hydrological processes with the participation of a huge number of chemicals, alien to the nature, including persistent organic pollutants, requires serious thought. There are scientific and practical tasks, methods and technologies that can prevent most of the negative processes, and reduce the impact of the remaining ones, ensuring the current level of human welfare of the environment, especially in large cities, on construction and industrial sites. This issue is an integral part of modern land management strategies to ensure their rational use and protection. The most important role is played by monitoring of lands, soil, water and atmosphere, which allows to study the state and dynamics of natural and anthropogenic processes, their relationship and on this basis to develop action programs appropriate for real situations, including land reclamation and land, polygons of snow dumps and landscapes adjacent to them. The article shows the problematic situation of snow control in the northern cities, the saturation of the snow masses with a multitude of pollutants dangerous for humans and nature, especially occurring in the territories of their seasonal disposal sites, is noted.

It is concluded that it is necessary to move from researching the problem to the practice of resolving it on the basis of monitoring, assessing the influence of snow masses, developing and implementing programs that rehabilitate urban landscapes. The presented results of full-scale studies, their analysis and interpretation allowed to form the scientific and methodological foundations of the corresponding task program.

**Key words:** monitoring, urban lands, landscape, condition assessment, process, snow disposal sites, pollution substances, hydrochemical composition, methodology, programme.

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