

MONITORING OF LAND AS A STRUCTURAL ELEMENT OF ENVIRONMENTAL MONITORING

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The article is devoted to studying the problematic issues of land monitoring as a management function in the branch of land use and security and as the structural element of environmental monitoring security.

Monitoring of land, environmental monitoring, task monitoring of land, land legislation.

On the basis of analyzing the main ways of working out the global problems of rational and no consumptive use and special security of land resources, which have considered getting worse in the last decades, there are facts in favor of the commissioning structural legal, economic and organizational actions. The result of this work was the development of surveillance systems by relevant changes, state lands, recording, processing, research, analysis and decision-making, based on the information collected. This procedure is called "monitoring."

Since land monitoring is a structural element of monitoring the environment (environmental monitoring, ecological monitoring), the article highlights the principles of operation of its system.

It was established, that in Ukraine a modern system of environmental monitoring began with the adoption of the Law of Ukraine "On Environmental Protection", which states that in order to ensure the collection, processing, storage and analysis of information about the environment, forecasting its changes and develop evidence-based recommendations for effective management decisions in

Ukraine, a system of state environmental monitoring. Environmental monitoring can be seen as analytical information system that covers the following main areas: monitoring of the environment and the factors that affect the individual elements of the environment; evaluation and analysis of the actual state of all components of the environment; forecasting and environmental assessment of the situation; providing research and information support of decision-making.

The statement claims that the monitoring of land as a function of management in the use and protection of land features environmental monitoring system, provides for technical and analytical work using engineering controls and tracking through qualitative state lands, sampling and implementation of soil geobotanic and other required inspections, tests and measurements of chemical and biological composition of soils, their physical condition, as well as evaluation and analysis of land, development on this basis of forecasts of expressing the negative processes on land belonging to different categories.

The analysis of the current legislation of Ukraine concluded that monitoring of land is a part of the state environmental monitoring, which is the system of observation, collection, processing, transmission, storage and analysis of information about the environment, forecasting its changes and development of evidence-based recommendations for decision on preventing negative changes in the environment and comply with environmental safety.

In order to form a qualitatively new system of monitoring of land it was proposed to eliminate certain deficiencies that cause a lack of performance monitoring of the functioning of the land, namely inconsistency between the norms of legislation on the appropriate type of environmental monitoring; lack of modern equipment monitoring system centers in most regions of the country and so on.