

## **THE ROLE AND IMPORTANCE OF LAND MONITORING IN THE USE OF LAND RESOURCES.**

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**Annotation.** The article describes the analysis of effective, rational, ecological and economic assessment of land for monitoring and analysis of all land categories in the management of land resources.

**Keywords:** monitoring, land resources, land analysis, soil, observation, control.

**Introduction.** The word monitoring is derived from the Latin word meaning to observe, monitor, warn. At the first intergovernmental meeting on monitoring (Nairobi, 1979), monitoring was adopted as a system of repeated monitoring of one or more elements of the natural environment for specific purposes in space and time in accordance with a pre-prepared program. The English word monitoring translates as monitoring checking and advising.

The purpose of monitoring is to protect land resources and ensure that they remain in their current state. At present, the organization of land monitoring is important in the Republic due to the increase in the use of land resources in a market economy. It helps to identify critical situations and solve serious problems by conducting monitoring of land resources. Any resources are also needed for our future generation. Therefore, it is important to strengthen control over monitoring. Analysis and results. The rational, efficient, environmentally safe use of land resources is the duty of every human being.

Every citizen, organization and society must take all necessary measures, such as the rational use of land and subsoil resources, the conservation and protection of flora and fauna, the maintenance of air and water cleanliness, and the restoration of renewable resources. Our Constitution provides for the use and protection of land and other natural resources as the basis of life and activity of the peoples living in that area. Any natural resource is inextricably linked to the earth. Our legislation strictly prohibits damage to land fertility.

There is a lot of evidence that forests are burning, plants are disappearing, air pollution is happening, animals are dying, and our underground resources are declining. The recovery of these resources is limited. Therefore, land should be viewed as a resource that is limited and renewable. Land monitoring is a measure of general monitoring of land protection, control and effective use.

Coordination of the activities of ministries and departments, generalization of land monitoring data is carried out by the State Committee of the Republic of Uzbekistan for Land Resources, Geodesy, Cartography and State Cadasters. The main tasks of land monitoring in the Republic of Uzbekistan are:

organization and implementation of a system of observations on the timely detection of changes in the state of the land fund, their assessment, forecasting of negative processes and development of recommendations for their prevention and elimination;

providing information on state control over the maintenance of state land cadaster, land use, land management, targeted and rational use of land resources, land protection and other functions of state management of land resources.

Monitoring is carried out in accordance with the categories of land and taking into account the purpose of land use.

monitoring of agricultural lands;

monitoring of lands of settlements;

monitoring of land for industry, transport, communications, defense and other purposes;

monitoring of lands for nature protection, rehabilitation, recreational purposes;

monitoring of lands of historical and cultural purposes;  
monitoring of forest lands;  
monitoring of water fund lands;  
monitoring of reserve lands.

The following is used to obtain the necessary information for land monitoring.

remote sensing (aerospace photography and observations);

ground photography and observation;

stock materials.

drone materials.

According to the terms and periodicity, there are 3 groups of land surveys:

basic (initial monitoring of the actual condition of the objects of observation at the initial stage of land monitoring);

Periodic (annual and over a year) observations;

Rapid, (recording current changes) observations made regularly or one-time over a period of less than one year.

The purpose and objectives of land monitoring are based on the following principles:

1. The principle of comparison and interaction of different data. It is based on the use of uniform classifiers, formats, data of the normative and technical base, a single state system of coordinates and altitudes;
2. The principle of unity, which implies the compatibility of monitoring, the unity of technology and methods;
3. The principle of accuracy and reliability, which characterizes the degree of accuracy of the use and status of land resources to the data of land monitoring;
4. The principle of completeness of data - the information must be complete and sufficient to solve specific problems;
5. The principle of continuous land monitoring.

In the process of restructuring land relations, changes in the quantitative and qualitative characteristics of the country's land fund, changes in some of its categories, increased anthropogenic load on land resources, various changes in the distribution and composition of land resources. It is therefore important to ensure the continuity of land monitoring through periodic or regular updates.

Conclusion. It is the duty of every citizen to conserve land resources. We must preserve these resources for future generations. As a result of monitoring on the ground, their current status will be determined. Possible negative consequences are prevented. Resources are not only wealth but also a part of our lives. In monitoring, we need to develop not only 5 principles, but also additional principles and apply them in practice. In addition, we need to rely only on accuracy when conducting monitoring work, because I believe that every mistake leads to negative consequences. It is necessary to organize the rational use of land and nature, to conduct monitoring in cooperation with environmental organizations and foreign and international organizations. There is an end to everything.

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