

**LAND RECLAMATION AND ITS ASSESSMENT
(ON THE EXAMPLE OF FERGANA REGION)**

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Annotation:

It is known that under the influence of the natural geographical position of the regions, its geographical position, geological structure, tectonics, relief, general characteristics, hydrogeological state and, finally, human economic activity, reclamation geographical conditions are formed.

Keyword: Reclamation-geographical, irrigation, Zahi evasion, agronomic processing, sizot waters.

It is known that under the influence of the natural geographical position of the regions, its geographical position, geological structure, tectonics, relief, general characteristics, hydrogeological state and, finally, human economic activity, reclamation geographical conditions are formed.

And the reclamation-geographical situation consists precisely in the natural conditions and the environment in which its lands are transformed as a result of such reclamation activities as development in economic products, irrigation, etc. To date, the development of land reclamation should serve to increase the efficiency of agricultural areas by increasing the productivity of productive irrigation, improving water supply, avoiding land waste, desalination, introducing scientifically based agrotechnical measures on land, continuously increasing the productivity of land. Unfortunately, in most cases, the reclamation situation in irrigated lands is aggravated due to the neglect of Reclamation geographical principles in the organization of Agriculture. This is due to a violation of the technical supply of irrigation systems in the first place, the inability to take into account the soil-reclamation situation in the use of water, the superficial implementation of such activities as saline washing.

The available land area in our republic is 44,896.9 thousand hectares on its administrative border, of which irrigated land accounts for 4,311. 6 thousand hectares, or 9.71% of the Land Fund. Reserve land as a reclamation percentage is

only 0.004% of irrigated land. With a total land area of 700.5 thousand hectares in Fergana region, of which irrigated land is 361.9 thousand hectares. The agricultural area is 315.9 thousand hectares, of which the irrigated land is 296.4 thousand hectares. At the moment, the total irrigated land in Fergana region is 361.9 thousand, while the land with unsatisfactory reclamation conditions is 4.3 thousand hectares, and compared to irrigated land-1.2%.

Although these pointers indicate a certain low tendency to expand land with poor reclamation, it may cause problems in the occurrence of activities that need to be carried out on reclamation. The total change in the Republic in 2008-2012 was more than 3.5 thousand kilometers, the construction and reconstruction of more than a thousand land reclamation areas of collectors in highways, districts and farms, 7.6 thousand km. the drainage network is planned to be restored. The implementation of a large part of such activities is also planned according to the Fergana Valley. The assumption of quality indicators of soils is also of great importance when assessing the land reclamation of the Fergana Valley. The average score of the soils of the region is bonitet pointer 56 and stands almost close to the average pointer of our republic.

Article 14 of the “Land Code” of the Republic of Uzbekistan in the improvement of land reclamation in the Fergana region in particular states that “land monitoring consists of a system of monitoring the state of the Earth's percentage in order to timely identify changes in the composition of the Earth, assess, prevent negative processes and end the consequences.” Improving the reclamation of lands depends on many factors, first of all, when farming and using water on existing lands, agronomic processing of lands requires regulatory indications for seizing waters and their levels, regulating the Salt regime, removing dumping waters, cleaning collector ditch systems. In Fergana Valley, too, many factors are involved in land reclamation and its transformation, and in this graduation qualification work, studying and analyzing these problems, appropriate conclusions are made. For this, the materials of the foundation, asosay are excluded from the literature

Within these factors, the importance of irrigation is enormous, and the reclamation will depend on the sughortsh style, technique, watering norm and Crop Type. The hydrogeological reclamation in the Fergana region reflects the peculiarities characteristic of the artizan Basin, since the highlands surrounding it in the entire valley, along with surface water, have a direct impact on the Genesis, regime of

groundwater. In hydrogeological reclamation, Artesian waters and their properties are related to the behavior of waters in different layers. The Artesian watershed in Fergana region is a water system with a very complex multi-layer water pressure, which are networks of pressurized waters that attach several aquifers to itself. These networks are thick water complexes consisting of layers of water in a large region separated from each other within the waste generated during the Mesozoic-Cenozoic era, which include Jurassic, Cretaceous, Paleogene, Neogene and quaternary periods.

One of the complex branches of interest to us in the direction of Reclamation is the Zach – sizot and pressurized waters lying within the layers of the Quaternary period, which are layers of water that are interconnected. Distribution of Zach – sizot and pressurized waters in irrigated areas of Fergana region is divided into 3 hydrogeological zones: - the zone of occurrence of groundwater, the Rocky and Sandy ground waters in the relief with adirlik and a large slope in the province are located deep and start from the banks of the rivers; - spring zones, in which groundwater is located close to the Earth's five, and in many places natural springs flow into the Earth's five, these zones begin the river banks from the gravel part and continue to the places where the tag heavy earth zones begin;

- ground waters Sathi is a zone of soils with a not very deep water mineral level with a high water temperature and direction that is not clear, heavy and of medium weight. The slope of the place by hydrogeology and relief indicates that the mountains of Turkestan are located in the Northern High lowlands. The pre-mountain part of the region consists of Steppes, high-low, bumpy sediments and growing young geological sediments, mainly quaternary, Paleogene and Neogene mountain sediments in their composition. One of the sides of the relief with the relief is that there are few or no waterways running between these pillars, as long as the top part consists of cavities. The area of the region is located on the hills of adirlar and adir Aldi, and these lands have a height of 790-1000 meters above sea level. Here it is based on the fact that its hydrogeological and soil structure from other zones differs in large layers of rock and gravel.

When we annex a large part of the province along with the central Fergana, it is reported that sediments, which start from the adyrians and are made up of leaps and bounds and out of the rain water, are made up of river urns. The fact that the region consists of large water structures, natural streams, collector ditches,

reservoirs and large water discharges that cannot be separated from the Earth's part is widely covered in many literature. The part of the region, located in tekislik, is made up of waste, silt, where rain flows along with the waters. This relief is conspicuous in the lands of Central Fergana and in the areas occupied by large river basins in the northern part of the province.

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