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MONITORING OF TERRITORY OF EASTERN ZANGAZUR ECONOMIC DISTRICT BASED ON SATELLITE DATA

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**Abstract**

East Zangazur Economic Region was established on July 7, 2021 by the Decree of the President of Azerbaijan "On the new division of economic regions in the Republic of Azerbaijan."East Zangazur Economic Region is one of the 14 economic regions of Azerbaijan. It covers Kalbajar, Lachin, Gubadli, Zangilan and Jabrayil districts, and its area is 7448 km2. Restoration of these territories of the Republic of Azerbaijan, ensuring their future development, creation of necessary infrastructure and return of the population to their native lands, as well as effective use of rich economic potential, natural resources and extensive tourism opportunities of these territories, rapid integration into national economy, sustainable development, the construction of infrastructure, restoration of cultural and historical monuments and monitoring of areas based on aerospace video spectral and thermal infrared images, radiometric data to create decent living conditions is one of the urgent issues. For this reason, in order to obtain more accurate results in the classification of natural objects, using different time, high-resolution Azersky satellite images, object types were determined on the basis of controlled and uncontrolled decryption methods, areas were calculated and the results were presented in maps. Using the images of the Azersky satellite, the assessment and comparative analysis of the areas in accordance with the agricultural potential and the characteristics of the planting areas were carried out continuously.