

USE OF EARTH REMOTE SENSING DATA FOR FORMATION OF GEODATA SPACE OF PIPELINE TRANSPORT

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The article considers the main approaches to the use of aerospace survey materials in the formation of geoinformation space of territories of construction and operation of pipeline transport. An important problem when filling corporate geoinformation systems for pipeline transport is the task of determining the composition of remote sensing Data, as well as the requirements for the frequency of their updating. The purpose of this work is to identify the basic needs for using remote sensing data in the formation of the geoinformation space of pipeline transport and to determine the requirements for remote sensing materials to meet them. The article also considers the possibility of using remote sensing materials as a source of information when updating vector spatial data, and provides the results of analyzing the possibilities of decrypting pipeline transport and infrastructure objects based on aerospace survey materials of different spatial resolutions.

Key words: remote sensing, aerospace surveying, geo-information space, main pipelines, objects of pipeline transport.

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