

THE METHOD OF FAVOURABLE PLACEMENT OF SATELLITE GEODESIC NETWORKS

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ABSTRACT

The importance of buffer zones in the establishment of satellite geodetic networks, the use of global navigation satellite systems in the maintenance of state cadastres, the importance of state geodetic networks in the cadastral system of Spain and Russia, satellite geodetic networks and their coverage in Uzbekistan, using electronic digital geoinformation systems in the establishment of geodetic networks. Scientific-practical studies were conducted to improve the accuracy of maps, and the territorial coverage of existing state geodetic networks was studied in the research area. On the basis of the studied territorial coverage, the areas not covered by the satellite geodetic networks were determined based on a special algorithm and the locations of their installation in the optimal place were determined.

KEYWORDS: Buffer, Buffer Zone, Buffering, Buffer Analysis, State Geodetic Networks, Geoinformation Systems, Global Navigation Satellite Systems

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