

MAPPING OF THE GEOMORPHOLOGICAL STRUCTURE OF THE UPPER REACHES OF THE CHAGAN-UZUN RIVER (SOUTH-EASTERN ALTAI)

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The article reveals the creation of a geomorphological map based on the results of the structural study of the Chagan-Uzun river upper reaches valley, based on the materials of field observations and interpretation of satellite images conducted in recent years. To create a map, first of all, the physical and geographical characteristics of the mapping area were carried out according to various literary sources. On thematic maps for the correct relief composition it is always necessary to create orographic scheme. According to the space image, an orographic scheme (the direction of the main ridges) of the South-Eastern Altai is constructed. The legend of the map, which is built on the morphogenetic principle, is developed (from ancient Greek μορφή «form» and γένεσις «creation»). This principle has not been applied to the construction of legends of geomorphological maps, and the formation on the relief maps should be taken into account. The geomorphological map is made on a scale of 1: 50 000.

Key words: geomorphological mapping, interpretation of space images, field research, geomorphological map, morphogenetic principle, mountain-valley glaciation.

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