
THE HELP FOR TEACHERS

UDC 912. 43:551. 4

MODERN CONDITION AND PROSPECTS GEOMORPHOLOGICAL CARTOGRAPHY OF THE NORTHERN CAUCASUS TERRITORY

© 2014 V.V. Astakhov, T.P. Nechiporova

Astakhov Vladimir Vladimirovich – Candidate of Geographical Science, Associate Professor, General Geography, Local History and Tourism Geology and Geography Department, Geology and Geography Faculty, Southern Federal University, Zorge St., 40, Rostov-on-Don, 344090, Russia, e-mail: LDF05@yandex.ru.

Nechiporova Tamara Pavlovna – Senior Lecturer, General Geography, Local History and Tourism Geology and Geography Department, Geology and Geography Faculty, Southern Federal University, Zorge St., 40, Rostov-on-Don, 344090, Russia,

Young mountains in the orogenic regions present for geomorphology mapping due to their heterogeneity as they include ancient structural elements, superimposed end neotectonic morphostructures, paragenetic morphosculptural complexes belonging to different paleogeographic stages. Means of cartographic presentation at small – scale maps are limited, which itself presents the main problem for geomorphologists of various countries. Recently the Northern Caucasus has been type area where mountain relief and its polymorphic character is intently investigated as well as geomorphological mapping is carried out on various scales. Detailed analysis of the geomorphological maps but using different principles, shows that the most promising is complex interpretation of the topography on the clear morphostructural basis it is especially important of orogenic regions where neotectonic movements.

Keywords: geomorphological map, principles of the geomorphological cartography, neotectonic morphosuctures, morphosculptural complexes.

1. Osinceva N.V. Geomorfologicheskoe kartografirovaniye. Tomsk, 2004. 84 s.
2. Safronov I.N. Geomorfologicheskaya karta Severnogo Kavkaza. M., 1964.
3. Safronov I.N. Objasnitel'naya zapiska k geomorfologicheskoy karte Severnogo Kavkaza. M., 1966. 80 s.
4. Spiridonov A.I. Geomorfologicheskoe kartirovanie. M., 1974. 184 s.
5. Ganeshin G.S. Geomorfologicheskoe kartirovanie i kartirovanie chetvertichnyh otlozheniy pri geologo-sjemochnyh rabotah. M., 1979. 198 s.
6. Safronov I.N., Astahov V.V. Geomorfologicheskaya karta Severnogo Kavkaza. Maket k geomorfologicheskoy karte SSSR masshtaba 1:2500000 / pod red. I.P. Gerasimova. M., 1981.
7. Safronov I.N. Geomorfologicheskaya karta Severnogo Kavkaza. Maket k geomorfologicheskoy karte Kavkaza masshtaba 1:2500000 / pod red. N.V. Dumitashko. M., 1979.
8. Safronov I.N., Dao Din' Bak. Opyt sostavleniya istoriko-geneticheskoy geomorfologicheskoy karty Central'nogo Predkavkaza // Izv. SKNTs VSh. Estestv. nauki. 1989. № 4. S. 75 – 79.
9. Safronov I.N., Astahov V.V. Geomorfologicheskoe kartirovanie Severnogo Kavkaza i puti ego dal'neishego razvitiya // Materialy V geol. konf. Essentuki, 1979. S. 160 – 164.
10. Metodicheskoe rukovodstvo po geomorfologicheskim issledovaniyam / pod red. Yu.F. Chemekova. L., 1972. 38 s.
11. Dumitashko N.V., Safronov I.N., Astahov V.V. Kavkaz // Morfostruktura i morfoskul'ptura gor. M., 1986. S. 16 – 29.
12. Tarnogradskiy V.D., Minina E.A. Novaya geomorfologicheskaya karta rossiyskoy chasti Kavkaza // Tr. VSEGEI. SPb., 2008. Vyp. 3. S. 63 – 67.
- Trebovaniya po sozdaniyu dopolnitel'nyh kart i skhem k komplektu Gosgeokarty 1000/3: geomorfologicheskaya karta / Ministerstvo prirodnih resursov Rossiyskoy Federacii. Federal'noe gosudarstvennoe unitarnoe predpriyatiye «Vserossiyskiy nauchno-issledovatel'skiy geologicheskiy institut im. A.P. Karpinskogo» (FGUP VSEGEI). SPb., 2005. 47 s.