

## **ATLAS OF LITHOLOGY-PALEO GEOGRAPHICAL, STRUCTURAL AND GEO-ECOLOGICAL MAPS OF CENTRAL EURASIA.**

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Geological institutions of Kazakhstan, Russia, China, Uzbekistan, Turkmenistan, Kirgyziya, Tadjikistan and Azerbaidjan combine efforts to create an Atlas of Maps for Central Eurasia. It covers 7,500,000 km<sup>2</sup> total area and bases on modern geodynamic concepts. Atlas is a synthesis of comprehensive information accumulated over many decades of work by leading geologists, geophysicists and scientists of the participating countries. The Atlas subsists of 43 basic lithologic-paleogeographical maps, 23 palinspastic maps and two structural maps - altogether reflecting material composition, minerals, and geological history of Central Eurasia from Riphean to Pliocene. The maps are supplemented with historical - geological charts and sections showing sediment and plutonic complexes, thickness, composition, paleo -geographic, paleotectonic backgrounds, as well as fields of minerals, oil and gas. Special attention is paid to producing formations: oil-bearing source rocks, reservoirs, gold-bearing black schist and other ore formations. Geo- environment and photo maps are mirroring up - to - date condition of nature, environment and hazards. Atlas opens new opportunities for geological forecasting and exploration. Project editors in chief are leaders of geological services of the participating countries: Daukeev S.D., Orlov V.P., Wang Futong, Shayakubov T.Sh., Abdullayev E. Kh., Murzagaziev Sh.M., Alizade A.A., Orufov A. O. Co-authors are Song Zhiqi and Isakhodjaev.