

About the Estimation of Ecology -Geodynamic Risk in Oil- Gas and Mining complexes Objects

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It is known, that modern earth surface geodynamic movements are caused by physical properties changes of mountain rocks in time, which in their turn as resources of local, anomaly changes of deformational, geophysical, fluid geochemical and other fields.

Form year to year, more and more factors describing interrelation of modern natural and technogenic of geodynamic processes and mountain rocks physical properties changes garter.

Oil gas fields, construction and oil gas pipelines underground and other oil gas and mining objects exploitation analysis shows, that geodynamic factors which own great ecology- economical effect must be taken into consideration.

Mountain rocks physical property change effect estimation in interrelation with modern geodynamic processes is the base of geophysical monitoring of natural - technical objects, increase of quality oil gas field geology-geophysical information and safety of home universal resources use.

Ecology- geodynamic risk for concrete oil gas complex object estimation has been carried out in this work with the account of probability of superintensive deformation process display.

Here in shown, that presentation of ecology- geodynamic risk factor to the practice will allow choosing optimal solution for warning negative events, increase reliability of oil gas complex object functioning and increase social- economical defense of population from natural technogenic geodynamic events effect.