

OIL SHALE NEWS

RISK ASSESSMENT METHODS IN ESTONIAN OIL SHALE INDUSTRY

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In Estonia risk assessment methods are used in different branches of industry, but the number of references on solution of mining problems is limited. The purpose of the investigation is determination of applicability of the risk assessment technique for conditions of Estonian oil shale mining industry and elaboration of a modified methodology for various mining processes and problems which are impossible to solve by other methods.

The modified risk assessment methodology is successfully applied for solving the following problems: stability of a mining block, extraction of mineral resources, loading, transportation and their influence on the environment.

The elaborated risk assessment methods can be used in different geological conditions and also for other mining technologies. Such methods give an opportunity to find a better way for planning new underground and open (surface) mines in accordance with environmental performances and economical profit of enterprises.



Full text: <http://digi.ttu.ee/i/?205>