



МИННО-ГЕОЛОЖКИ УНИВЕРСИТЕТ „СВ. ИВАН РИЛСКИ“ – гр. СОФИЯ

UNIVERSITY OF MINING AND GEOLOGY „ST. IVAN RILSKI“ – SOFIA

1700 София, Студентски град
Номератор: 02 8060/201
Ректорат : 02 868 7224
Факс: 02 962 4940

www.mgu.bg

Students town, 1700 Sofia
Exchange: 003592 8060/201
Administration: 003592 868 7224
Fax: 003592 962 4940

REVIEW

of multi-authored monograph
“Prospects for developing resource-saving technologies
in mineral mining and processing”
edited by Prof. Valerii KORNIYENKO and Prof. Maria LAZAR

Mining regions, having the largest resource base of various types of minerals, are currently facing the problem of modernization and efficient, rational management of the mineral resource complex and technological renewal of the mining and processing industries.

A collective monograph is submitted for review, which includes original articles related to one problem - the improvement of resource-saving technologies for mining.

The authors of the collective monograph have used a set of research methods, including analysis of the theory and practice of mining, analysis of technical and economic indicators of mining enterprises and indicators of the Earth bowels use, methods of statistical analysis, development of methods for economic evaluation of mining technology parameters, technical and economic calculations for choosing optimal economic and technological solutions, designing new mining methods, pilot testing and implementation of recommendations into production.

The book presents diverse scientific research, united by one goal - the improvement of the scientific foundations of the creation of resource-saving technologies for the extraction and processing of minerals.

Topical problems of the mining complex are reflected in a number of articles of the collective monograph, such as the geo-resources development strategy, including technogenic raw materials; the integrated development of mineral deposits; improvement of existing and creation of new resource-saving environmentally friendly geo-technologies and technical means for the extraction and processing of mineral raw materials; optimization of the parameters of technological schemes of mining enterprises and environmental management; intensification of the processes of preparation of ores for geomaterials.

In general, the collective monograph “Prospects for developing resource-saving technologies in mineral mining and processing” is a complete scientific

research carried out on a relevant topic. It is scientifically and practically valuable and is recommended for publication.

DSc. (Engineering), Professor,
Correspondent Member of the Bulgarian
Academy of Sciences



Vladko PANAYOTOV