SUMMARY

The II International Scientific Seminar on economic, social and technological challenges in the era of globalization, was aimed to determine common areas of interest of scientists from National Mineral Resources University (Russian Federation), Immanuel Kant Baltic Federal University (Russian Federation), Kaliningrad State Technical University (Russian Federation) and The Silesian University of Technology (Poland).

The aim of seminar concentrate on the problems of: mining industry, ecology, other industry problems and Corporate Social Responsibility.

Because the specialisation of the National Mineral Resources University is mining industry, the main part of the papers was concentrated on this topic. Also many Polish authors described their experiences with mining industry. One of the papers concentrate on the problems of competitiveness evaluation of coal mining enterprises. The global problems of mining industry from the philosophical perspective are described in the paper about production and consumption of black coal in selected European countries. Author from National Mineral Resources University describe the possibility of delivering of sufficient information process in mining enterprise. One paper concentrates on financial problems - method for estimating investment efficiency of projects. Also one paper from Silesian University of Technology concentrates on maintenance of the use of equipment on the example of mining machines. Other very important problem in nowadays mining industry is operation management – it’s described in the paper on the example of improvement of conveyor transport. Authors from Russia concentrate also on the analysis of the work hydro transport systems in processing plants.

Authors also concentrate on management problems in mining enterprises: for example on the effectiveness of employment in colliery, innovations in coal mine, risk management in coal mine and strategic improvements of mining companies.

Three papers concentrate on ecological perspective. Ecological aspects of mining industry are present in the paper about management of mining waste. Other paper presents the issue from the municipal perspective on the case of revitalization of the municipality in Mysłowice. The third paper concentrates on the pillage storage of potash.

Some papers concentrate on other industries and materials. One paper is about dioxide titanium industry and its perspectives. Other describes problems of oil industry from the small business point of view. Author from National Mineral Resources University describes the
problems of groundwater extraction management in the Russian law. Authors from Silesian University of Technology described occupational hazard issue in working environment in various industries.

Important part of the Seminar represents papers concerning Corporate Social Responsibility problems. This topic contains four papers. One of the authors describe the problem from macroeconomic perspective as an element of the globalization process. The second concentrate on cultural problems of Corporate Social Responsibility implementation in the case of uncertainty avoidance indicator. The third paper describe best practices of CSR in the extractive industry. The last paper is about job reengineering in the process of business change as a challenge in nowadays economy.

We think that our collaboration was very effective and Scientific Papers in this issue can meet with interests of the potential readers. The organizers of the II International Scientific Seminar on economic, social and technological challenges in the era of globalization believe that collaboration between our universities will be continued. Also we think in the future the others institutions could participate in our seminar to exchange experience and knowledge.

Radosław Wolniak