

Report of the IV ISM Commission (2010-2013)

Due to the fact that Polish mining act has changed there was a need of discussion the details of those regulations. That why chair of the IV ISM Commission initiates First Discussion Forum of the Polish Mine Surveyors. The first discussion forum was held in 2012. There were 85 participants that represented copper, coal and salt underground mines and queries. First discussion forum has national character because of need of interpretation Polish mining act.

Second Discussion Forum of the Polish Mine Surveyors was held in 2013. During that meeting the problems of the Mining Plans has been mainly discussed. The Second Discussion Forum gather round 80 mine surveyors from 30 Polish open pit and underground mines.

We are facing always with the lack of funds for traveling and for publishing of the papers and reports of the commission. I tried to organize some funds organizing the discussion forum twice. From that activity we got some funds for the commission. But it is still not permanent solution of this problem.

Ryszard Hejmanowski, Chairman of the IVth Commission of the ISM has been nominated to be a member of the Steering Committee, which should carry out the advising discussions about the subsidence prediction in the gas fields in the Waddensee Region in Duch. This Committee was appointed by the Duch Academy of Science.

The most important research issues concerning subsidence and mine surveying problems

1. Measurements of the subsidence induced by mining tremors
2. Laser scanner application for the convergence measurements and their interpretation
3. Good practice in the surveying of the subsidence of the railway tracks
4. Good practice in the surveying in small queries concerning Polish mining law
5. Cave-ins prediction above shallow salt mines
6. Cave-ins prediction above shallow coal mines