

**Title:** Hope dies last – the longest rescue operation conducted after a high energetic rock burst in the underground coal mine.

**Summary:** In the year 2015 in one of the underground coal mine in Poland a high energetic rock burst (with the energy of  $4 \times 10^9$  J) occurred because of which two workers were trapped in a gallery.

In consequence an rescue operation was undertaken. The rescue operation was proceeding in difficult geological and mining conditions, in high temperature (circa 32°C), a large amount of methane desorption and continuous bump shock danger.

During the rescue operation a 740 m long rescue gallery was built and a borehole from the surface was drilled in the length at 1050 m.

The rescuers after 67 days reached the trapped mine workers.

The article presents how the polish mine rescue service works and the way that the rescue operations are conducted.

**Key words:** rescue action, mining rescue in Poland