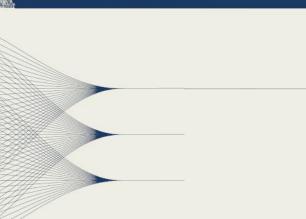




SEISMIC EVENTS DISCRIMINATION IN THE KUMTOR DEPOSIT AREA (KYRGYZSTAN)



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Our poster is about:

There are several deposits of solid minerals in Kyrgyzstan. Every year, seismic stations of the Institute of Seismology of National Academy of Sciences of Kyrgyz Republic register a large number of quarry explosions in the magnitude range from 1 to 3.5. The difference in the wave pattern of tectonic earthquakes and explosions is shown.

In recent years the effect of induced seismicity has been observed in the deposit area, manifested in an increase in the number of earthquakes and their energy. In addition to endogenous events, exogenous phenomena are also recorded in the deposit area, such as glaciers and landslides.



