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Journal "Exploration Geophysics, Remote Sensing and Environment" (EGRSE) publishes original contributions dealing with:

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COVER: Layout with geophones at the airport runway of the Terminal 3 (Vaclav Havel Airport). Autors: Bárta et al.: The contribution of geophysics to the preparation of road and railway tunnel construction in the area of Václav Havel airport (Ruzyně)

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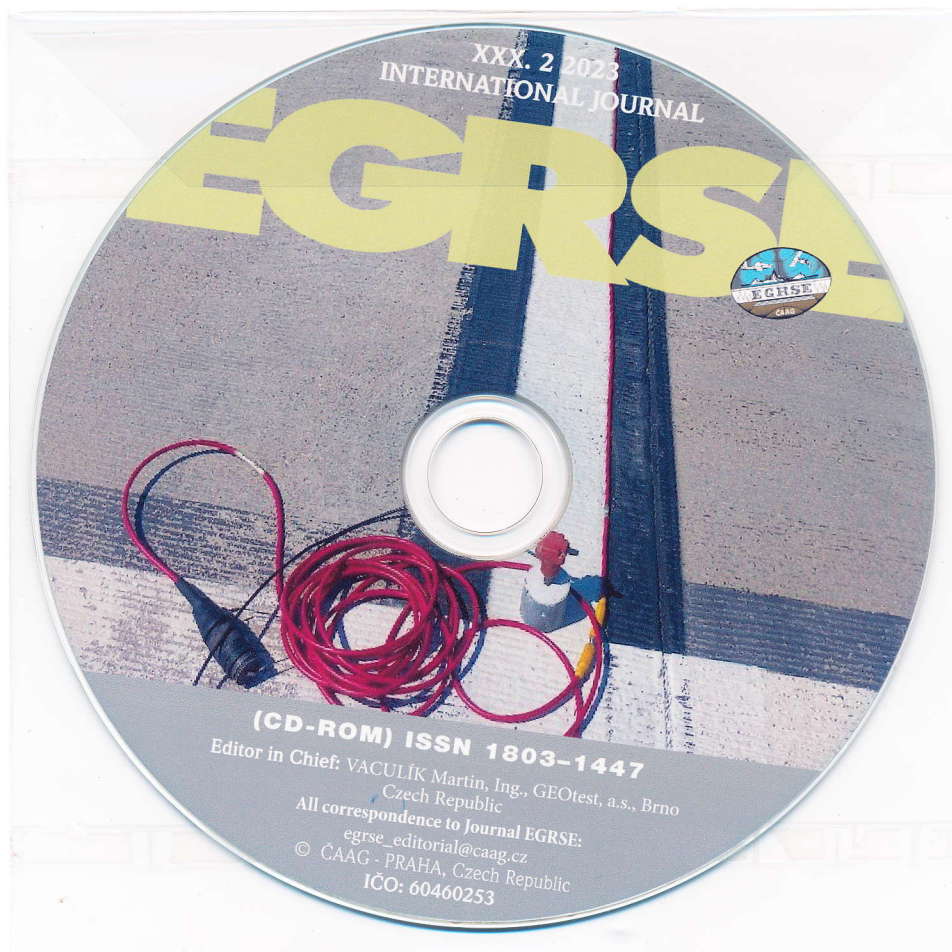
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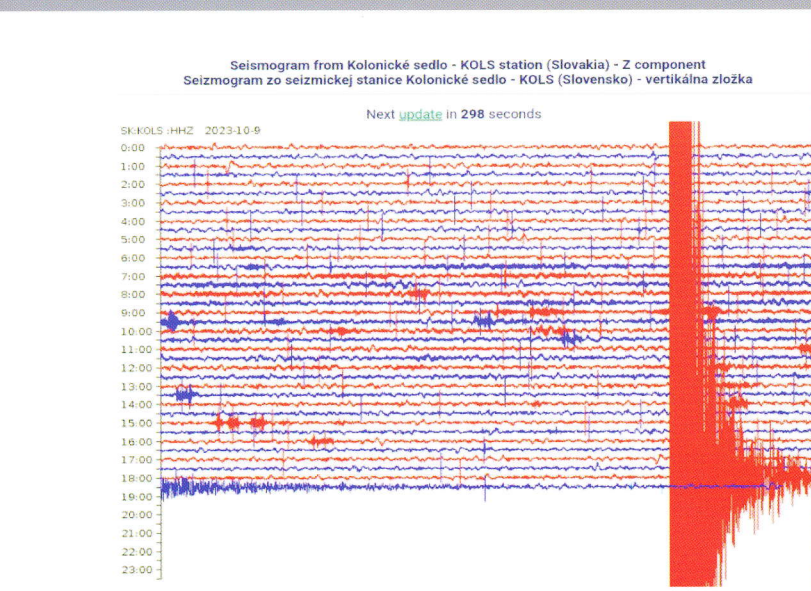
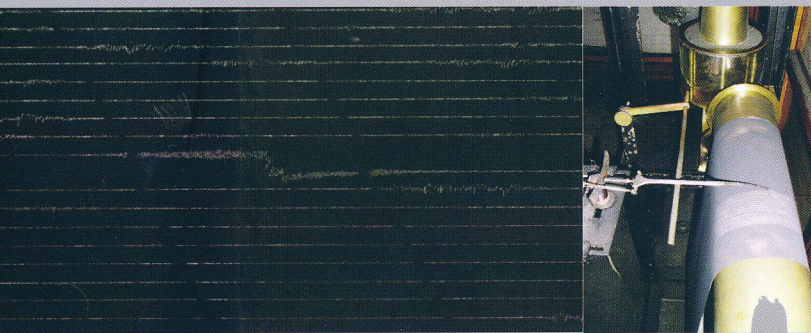
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On Monday, October 9, 2023 at 20:23 CEST, a strong earthquake with a local magnitude of 4.9 occurred in Slovakia, approximately 18 km northwest of Humenné. The earthquake was recorded by the seismic stations of the National Seismic Station Network and the Eastern Slovakia Local Seismic Network. The epicenter was located near Giraltove, by the Domaša water reservoir.

The affected area of Slovakia belongs to the seismically active area of Eastern Slovakia. According to seismologists of the Institute of Earth Sciences of the Slovak Republic, the area of Vihorlat and the surroundings of Humenné, Michalovce and Vranov nad Topľou is one of the seismically active areas of Slovakia. Earthquakes in this focal area are not a rare phenomenon, but this earthquake was the strongest since 1930 (since 1914 within eastern Slovakia) and ranks among the 15 to 20 largest earthquakes in Slovakia since 1443. The earthquakes caused material damage to buildings, distribution systems and connections in the affected villages

Further information about the earthquake and registered aftershocks, including an interactive map with the epicenter of the earthquake and observation locations, can be found on the Slovak Seismology website www.seismology.sk.

Earthquake recording on the historical seismograph in Hurbanov. This device has been recording the Earth's movements with a stylus on sooty paper since 1902. (foto Kristián Csicsay, Miroslav Vrzba)

Earthquake record from the easternmost seismic station NSSS Kolonické sedlo.

Damaged church in Jankovce village (foto Kristián Csicsay)