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Type: **Poster**

A catalogue of nuclear test explosions recorded by Slovak National Network of Seismic Stations

An important part of historical seismographic data research is data archiving and digitization. In the second half of the 20th century the monitoring of seismic events caused by nuclear explosions was an essential goal of each seismological service. More than 400 of them were recorded by the Slovak National Network of Seismic Stations. So far no special catalogue of seismic events caused by nuclear test explosions recorded by Slovak National Network of Seismic Stations was compiled. To reach this goal, the historical data from the archives of the Slovak National Network of Seismic Stations and bulletins of Czechoslovak and Slovak seismic stations have been investigated. The analog seismograms from the Slovak seismic stations have been checked for presence of data from nuclear test explosions, preserved and prepared for digitization. The catalogue can be integrated to the worldwide database of nuclear test explosions.

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Track Classification: Theme 2. Events and Nuclear Test Sites