A database system and its online search engine for micro seismic observation data

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An event data search and download system for WIN format seismic data is developed on the world wide web (www) basis. Database of the WIN format seismic data is generated separately in advance, which includes several search keys such as event locations and their uncertainty with the names of the associated waveform and pickdata files. A program package including cgi's and command line base programs is developed to retrieve the data interactively on the www page. This system provides seismic datasets obtained in several joint observation projects as well as those in the routinely operated network.