

Bulgarian NDC and network – new achievements and challenges

The first big steps to bring Bulgarian seismology to digital age was made in the end of 2005 when first data transfer from each seismic station to Bulgarian data center was fact and the operation seismologist works directly with digital seismograms. All seismic stations were equipped with 3C broadband seismometers and digitizers DAS 130 of Reftek, brand of Trimble Inc. Automatic EQ processing is based on SNDM software package. As fast as possible location, magnitude and depth are performed within 8 minutes. Information for felt EQ as soon as possible is sent to authority, civil protection and public mas media. For seismic event of interest we provide information to IDC of CTBTO in Vienna Now the end of 2018 we started with a new step to integrate Seiscomp3 in seismic data processing in our NDC with modules - scanloc for detection clustering and association and sceval for Realtime event evaluation

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Track Classification: Theme 4. Performance Optimization