



## **The Austrian National Network 2014**

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In the year 2014, the Austrian National Network( network code OE ), operated by the Austrian Seismological Service at the Zentralanstalt für Meteorologie und Geodynamik, consists of 21 strong-motion sites (FBA-23 and Episensor, triggered data acquisition) and 16 broadband stations (STS-2 or STS-2.5, continuous data acquisition). Among the 16 broadband stations there are 14 sites collocated with accelerometers (FAB-23 or Episensor).

The Research Group Geophysics at the Vienna University of Technology and the Department of Meteorology and Geophysics at the University of Vienna are operating temporary seismic stations, data from these instruments is integrated in the processing at the Austrian Seismic Network. Data from instruments in neighboring countries is also integrated in the processing.

The Austrian Seismological Service collects and evaluates felt reports.

A major upgrade of both hard- and software used for processing (Antelope 5.4, Intel based hardware) is planned for the year 2015. Some new tools for data processing processing and evaluation are presented.

An overview of the seismic monitoring at the Austrian Seismological Service will be presented for the year 2014. We compare automatic processing and manual evaluation results.

Performance of the automated data processing (rate of valid, false and missed events), statistics and information about significant earthquakes and earthquake sequences in Austria will be presented.