

The Swedish National Seismic Network

Michael Roth, Björn Lund, Gunnar Eggertsson

Swedish National Seismic Network, Department of Earth Sciences – Geophysics, Uppsala University



UPPSALA
UNIVERSITET

INTRODUCTION AND MAIN RESULTS

The Swedish National (SNSN) currently operates 80 broadband seismic stations. In addition SNSN receives waveform data from about 120 stations located in Norway, Finland, Denmark, Germany, Poland, the Baltic States, and Russia. SNSN processes data from this virtual network in real-time using the SeisComp and Earthworm systems. Events are automatically classified by an artificial neural network as earthquakes, blasts or mining-induced events.

The realtime automatic bulletin is available as a simple interactive webpage for the general public and in standard formats for the seismological community. Event parameters for all earthquakes $ML \geq 2$ are forwarded automatically to EMSC

