



Moment Magnitude discussion in Austria

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We implemented and tested the Moment Magnitude estimation „dbmw“ from the University of Trieste in our Antelope near real-time System. It is used to get a fast Moment Magnitude solutions and Ground Motion Parameter (PGA, PGV, PSA 0.3, PSA 1.0 and PSA 3.0) to calculate Shake and Interactive maps.

A Moment Magnitude Catalogue was generated and compared with the Austrian Earthquake Catalogue and all available Magnitude solution of the neighbouring agencies. Relations of M_w to M_I and Ground Motion to Intensity are presented.