

PROJECT OF NEAR-REAL-TIME GENERATION OF SHAKEMAPS AND A NEW HAZARD MAP IN AUSTRIA

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Shakemaps, seismic hazard map

In case of strong earthquakes, target-orientated prevention and effective crisis management can not only reduce and avoid damages but also save lives. To achieve this goal, a project for automatically generation of Shakemaps and a new version of the Austrian hazard map, was initiated at ZAMG (Zentralanstalt für Meteorologie und Geodynamik) in 2015. The first goal of the project is set for a near-real-time generation of Shakemaps following strong earthquakes in Austria and close border regions, in order to provide rapid, accurate and official information to the governmental crisis management. Using methods and software newly developed by SHARE (Seismic Hazard Harmonization in Europe) and GEM (Global Earthquake Model), which allows a transnational analysis at European level, we expect to have a new generation of our national hazard maps.