

Earthquake catalogue for southwestern Germany – A status report

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The Upper Rhine Graben, at the border of Germany, France and Switzerland, has a long record of damaging earthquakes. Furthermore, since the occurrence of the 1911 earthquake (intensity VIII) the Albstadt region in the centre of Baden-Württemberg/Southwest Germany has shown to be one of the seismically most active regions north of the Alps. Baden-Württemberg's earthquake service, the 'Landeserdbeben Dienst' (LED) is in charge of seismic monitoring and catalogue work. We currently complete our earthquake catalogue for the last millennium. A data base hosts the entire catalogue, including macroseismic data and information about corresponding documents. Existing regional catalogue subsets as well as relevant parts of national catalogues have been implemented as well. We have acquired digital intensity data points from all kinds of historical documents, for the 20th century in particular also from macroseismic questionnaires. For the first time, a systematic search for information about historical earthquakes in Baden-Württemberg is carried out tracing back historical earthquake information to the primary sources whenever possible. A collection of 250 macroseismic maps from archives and various other sources has recently been published. The presentation gives a status report of the project, as work is still in progress until the end of 2017.