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## The colloquium

# Historical earthquakes and macroseismology - historical sources, methods and case studies

will take place in Freiburg, Germany  
on May 19, 2014 from 14:00 until May 20, 2014 about 12:00.

Venue is at Regierungspräsidium Freiburg, Landesamt für Geologie, Rohstoffe und Bergbau, Sautierstrasse 26, 79104 Freiburg i. Br., Germany (location see ["D2" on map-1](#) or, [more detailed, on map-2](#)). Freiburg can easily be reached by train, bus or plane ([EuroAirport Basel-Mulhouse-Freiburg BSL](#)). The [website of the city of Freiburg](#) includes information on transport, sights, service, accommodation etc.

The meeting will be a platform for presentations and discussion. We focus on issues of historical documentary sources of earthquakes and their interpretation in terms of macroseismic intensity. Attendance to the meeting is free of charge. Meeting language is English. 30 participants have registered already.

### contact

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**Historical earthquakes and macroseismology - historical sources, methods and case studies  
colloquium on 19. and 20. May 2014 in Freiburg, Germany**

**Programme information**

<b>19. May 2014</b>	<b>Registration</b>	<b>14:00-14:30</b>
<b>Opening and Welcome</b> by Prof. Dr. Ralph Watzel, Departement President Landesamt für Geologie, Rohstoffe und Bergbau (LGRB), Regierungspräsidium Freiburg		<b>14:30-14:40</b>
<b>Introduction</b> by Dr. Wolfgang Brüstle, Head Landeserdbebendienst, LGRB, Regierungspräsidium Freiburg		<b>14:40-14:50</b>
<b>Oral Presentations, first part:</b>		<b>15:00-17:45</b>
Paola Albini, INGV, Milano, Italy	Searching for and interpreting historical records on earthquakes: an overview (invited talk)	15:00-15:30
break		15:30-15:45
Christa Hammerl, ZAMG, Wien, Austria	The 1670 earthquake in Tyrol/Austria – from archival sources to macroseismic intensities	15:45-16:00
Paul Temme, Unterschleissheim, Germany	How the Earthquake of Lisbon shook the Optimism in the Age of Enlightenment	16:00-16:15
Miklós Kázmér, Eötvös University, Budapest, Hungary	The 1810 Mór earthquake in Hungary – bicentennial of 'Dissertatio de terrae motu mórensi' by Kitaibel & Tomtsányi (1814)	16:15-16:30
Elisabeth Knuts, Royal Observatory, Brussels, Belgium	XIXth century earthquakes in Belgium, the Netherlands and western Germany with a special focus on the 3 December 1828 earthquake	16:30-16:45
break		16:45-17:00
Uwe Braumann, LGRB, RP Freiburg, Germany	Historical sources for the Swabian Jura/Germany region	17:00-17:15
Mustapha Meghraoui, EOST, Strasbourg, France	Historical versus pre-historical seismic activity in the Upper Rhine Graben	17:15-17:30
General discussion of first part of the colloquium		17:30-17:45
<b>Poster Presentations:</b>		<b>17:45-18:15</b>
Thibault Fradet, University de Versailles-Saint-Quentin-en-Yvelines, France	Cross reflexion between methodological tools, analysis and contextualisation of historical documents	
Kevin Manchuel, EDF, Aix en Provence, France	Spatial and temporal analysis of the SisFrance macroseismic data	
Dietmar Bürk and Diethelm Kaiser, BGR, Hannover, Germany	A database for historical and instrumental earthquakes in Germany - concepts, uses, and products	
Matthias Kracht, HLUG, Wiesbaden, Germany	Earthquake catalogue for the State of Hesse, Germany	
Silke Hock, LGRB, RP Freiburg and Diethelm Kaiser, BGR, Hannover, Germany	Attenuation of macroseismic intensity with distance and its relation to local magnitude in Germany	
closing time		18:30

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<b>20. May 2014</b>	<i>opening time</i>	07:30
<b>Oral Presentations, second part:</b>		<b>08:00-11:45</b>
<i>Andreas Barth, KIT, Karlsruhe, Germany</i>	<i>The historical earthquakes in Kandel 1880 and 1903 and the magnitude-frequency relation in the Upper Rhinegraben</i>	08:00-08:15
<i>Matthias Kracht, HLOG, Wiesbaden, Benjamin Homuth, Goethe University, Frankfurt/Main and Klaus Lehmann, GD NRW, Krefeld, Germany</i>	<i>Recent studies on the Northern Upper Rheingraben earthquake series in the late 19th century</i>	08:15-08:30
<i>Klaus Lehmann, GD NRW, Krefeld and Günter Leydecker, Isernhagen, Germany</i>	<i>The supposed damaging earthquake of Cologne on 24th October 1841 - a case history of a hoax</i>	08:30-08:45
<i>Päivi Mäntyniemi, University of Helsinki, Finland</i>	<i>Felt observations in sparsely populated regions: the earthquakes of 15 and 23 June 1882 in northern Europe</i>	08:45-09:00
<i>break</i>		09:00-09:15
<i>Mario Locati, INGV, Milano, Italy</i>	<i>The AHEAD portal: the European network of institutions working on historical seismology</i>	09:15-09:30
<i>Jochen Wössner, SED, Zürich, Switzerland</i>	<i>Sensitivity of earthquake activity rates on completeness assessment</i>	09:30-09:45
<i>Remo Grolimund, SED, Zürich, Switzerland</i>	<i>Annual Reports of the SED 1880-1963. Chances &amp; Pitfalls</i>	09:45-10:00
<i>Gottfried Grünthal, GFZ, Potsdam, Germany</i>	<i>Earthquake cataloguing in Potsdam - interpreting historical events, new sources and fakes</i>	10:00-10:15
<i>break</i>		10:15-10:30
<i>Silke Beinersdorf, BUW, Weimar, Germany</i>	<i>An earthquake catalogue for Germany and adjacent areas considering macroseismic observations for engineering demands (EKDAG)</i>	10:30-10:45
<i>Wolfgang Brüstle, LGRB, RP Freiburg, Germany</i>	<i>Earthquake catalogue for Baden-Wuerttemberg/ Germany</i>	10:45-11:00
<i>Silke Hock, LGRB, RP Freiburg, Germany</i>	<i>Lacking seismicity in Baden-Wuerttemberg in historic times inferred from present German earthquake catalogues</i>	11:00-11:15
	<i>General discussion of second part of the colloquium and closing remarks</i>	11:15-11:45
<i>end of colloquium</i>		about 12:00