Interreg
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Europäischer Fonds für regionale Entwicklung

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Rakousko-Česká republika
Evropský fond pro regionální rozvoj

AT-CZ 167

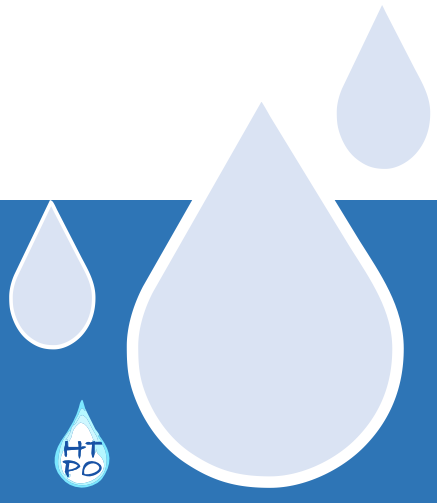
HTPO

„Hydrotermální potenciál oblasti / Hydrothermales Gebietspotential“

Output T1.3.1

COMMON CATALOG OF EARTHQUAKES

December 2021



Co-financed by the European Regional Development Fund

This report was written during the project "HTPO – Hydrothermal Potential of the Area “Laa an der Thaya-Pasohlávky”. Inserting into the project structure is shown in the following table:

WP T1	„Geovědní model výskytu termálních vod v oblasti Laa - Pasohlávky“	„Geowissenschaftliches Modell der Thermalwasservorkommen Laa - Pasohlávky“
Akt. T1.3	„Recentní seismologický popis oblasti Laa - Pasohlávky“	„Rezente seismologische Beschreibung der Region Laa – Pasohlávky“
T1.3.1	**„Společný katalog zemětřesení“**	**„Gemeinsamer Erdbebenkatalog“**

More information and other outputs on the project "HTPO – Hydrothermal potential of the area" Laa an der Thaya-Pasohlávky" can be found at:

https://www.at-cz.eu/cz/ibox/po-2-zivotni-prostredi-a-zdroje/atcz167_htpo

https://www.at-cz.eu/at/ibox/pa-2-umwelt-und-ressourcen/atcz167_htpo

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T1.3.1 COMMON CATALOG OF EARTHQUAKES

FEE-ALEXANDRA RODLER (ZAMG), HANA KRUMLOVÁ (IPE/MUNI), JANA PAZDÍRKOVÁ (IPE/MUNI)

The earthquake catalogue for the project monitoring period 2018-2021 contains instrumentally recorded earthquakes originated in the project region (Laa/Pasohlávky + 120 km). The data from seismic stations were subjected to very detailed manual analysis, both in ZAMG and IPE/MU. All detected seismic events were processed and evaluated by type (such as earthquake, induced event or explosion) resulting in a database table or catalogue of recorded earthquakes. Questionable events were mutually discussed between ZAMG and IPE/MU as soon as possible after their detection to avoid man-made events or inaccurate locations. Data on earthquakes from Slovak territory were taken from the web of Slovak Academy of Sciences, www.seismology.sk, if they existed.

DESCRIPTION OF THE INSTRUMENTAL CATALOGUE 01/2018 – 09/2021:

YYYY **MM** **DD** **hh** **mm** **ss**	year month day hour minute second	origin time
Lat **Lon**	latitude (° N) longitude (° E)	epicentre coordinates
Depth	focal depth (km)	
ML	local magnitude	
I_0	epicentral intensity	
Country	AT - Austria, CZ - Czech Republic, SK - Slovakia, HU - Hungary	
Source	source catalogue	
Dist HTPO	distance from the centre of the project region (48.811° N, 16.460° E)	

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