

## State of geomorphological research in 2022 - Detailed conference program

<b>Wednesday (May 18, 2022)</b>	9:00 - 13:00	Participant registration			
	12:00 - 13:00	<i>Lunch</i>			
	13:00 - 13:45	<b>Conference opening, Award ceremony for the best student theses contest</b>			
	13:45 - 15:00	<b>Talks session 1</b>	13:45 - 14:00	Michaleje, L.	Preliminary flood hazard assessment based on detailed LiDAR data
			14:00 - 14:15	Rusnák, M.	Fluvial habitat assessment using high-resolution 3D models
			14:15 - 14:30	Lieskovský, J.	Using Airborne Lidar Data For Detecting Anthropogenic Landforms In Poiplie Region
			14:30 - 14:45	Szypuła, B.	Analysis of bomb craters using LiDAR data (Kędzierzyn-Koźle, Poland)
		14:45 - 15:00	Mohsen, A.	Sediment discharge estimation of lowland rivers using Sentinel-2 images and machine learning algorithms	
	15:00 - 15:15	<i>Coffee break</i>			
	15:15 - 16:45	<b>Talks session 2</b>	15:15 - 15:30	Novotný, J.	Geodiversity assessment of the Western Carpathians
			15:30 - 15:45	Kubalíková, L.	Geomorphological heritage in urban areas: identification, conservation, management
			15:45 - 16:00	Kenderessy, P.	Erosion process and abandonment as main drivers of traditional vineyards degradation: a case study Vráble viticulture district, Slovakia
			16:00 - 16:15	Tichavský, R.	Dendrogeomorphic dating in the Ostrava-Karviná mining landscape: processes, events, responses
			16:15 - 16:30	Lenart, J.	The abandoned underground mine as a semi-natural ecosystem: the story of Flaschar's Mine
			16:30 - 16:45	Schuchová, K.	Can abandoned underground mines be equal in their diversity to the cave system?

<b>Wednesday</b> <b>(May 18, 2022)</b>	16:45 - 17:00	<i>Coffee break</i>			
	17:00 - 18:00	<b>Poster session 1</b>	Blahůt, J.	Novel landslide mapping in selected areas of northern Czechia within the framework of the RENS project	
			Bouda, T.	Half year of ground microexhalations temperature monitoring on landslides in Moravian-Silesian Beskids	
			Dlabáčková, T.	Chronology and morphology of rock glaciers in the Western Tatra Mts., Western Carpathians	
			Fabiánová, A.	Development and recent dynamics of rockslide in the Hercynian orogeny (the Rudohorský potok basin; the Hrubý Jeseník Mts.)	
			Kieniewicz, M.	Macroplastic debris in a mountain river: Does geomorphology matters?	
			Kozák, M.	Activity of landslide processes in the area of Hřebečský hřbet	
			Kusák, M.	3D rockfall modeling, natural hazard and risk assessment for rockfall protection in Hřensko (Czechia)	
			Racek, O.	In-situ rock surface strain changes determination: use of resistance strain gauges	
			Szypuła, B.	Interpretation of the small water-filled bomb craters morphology based on LiDAR data (Kožle Basin, Poland)	
	18:00 - 19:00	<i>Dinner</i>			
	19:00 - 21:00	Plenary meeting of the Czech Association of Geomorphologists			
		Plenary meeting of the Association of Slovak Geomorphologists			
<b>Thursday</b> <b>(May 19, 2022)</b>	7:30 - 8:30	<i>Breakfast</i>			
	8:30 - 10:15	<b>Talks session 3</b>	8:30 - 8:45	Loche, M.	Land surface temperature controls stability in gentle clay slopes
			8:45 - 9:00	Hartvich, F.	Stability of cultural heritage objects: a phantom menace?

<b>Thursday (May 19, 2022)</b>	<b>8:30 - 10:15</b>	<b>Talks session 3</b>	9:00 - 9:15	Chalupa, V.	Low-topography deep-seated gravitational slope deformation: Slope instability of flysch thrust fronts (Outer Western Carpathians)
			9:15 - 9:30	Baroň, I.	Coseismic slope failures due to 2009 Mw 6.2 EQ near Poas, Costa Rica and their relevance for landslide research in Outer Western Carpathians
			9:30 - 9:45	Pánek, T.	Large landslides along the eastern margin of Patagonian Ice Sheet: distribution, causes and timing
			9:45 - 10:00	Břežný, M.	Landslides and rockfalls in Antarctica: preliminary results of surface exposure dating from James Ross Archipelago
			10:00 - 10:15	Dostalík, M.	Deglaciation in Kazbegi high mountain region in Georgia and its impact on the activation of catastrophic debris flows
	<b>10:00 - 10:15</b>	<b><i>Coffee break</i></b>			
	<b>10:15 - 11:45</b>	<b>Talks session 4</b>	10:15 - 10:30	Ondráčková, L.	Practical experience of a fluvial geomorphologist in the context of landscape changes
			10:30 - 10:45	Wyžga, B.	Changes of fluvial processes caused by the restoration of an incised mountain stream
			10:45 - 11:00	Labaš, P.	Human intervention and flood events as key factors affecting the recent degradation of the Hornád River
			11:00 - 11:15	Pavlek, K.	The impact of river engineering works and flood events on channel migration rates on the Orlava River (the Pannonian Basin, Croatia)
			11:15 - 11:30	Horáčková, Š.	Geomorphic-sedimentary adjustment of a river reach with groynes to channel bypassing
			11:30 - 11:45	Kidová, A.	The impact of the river training on the multi-thread river system as a part of the Natura 2000 protected area
	<b>12:00 - 13:30</b>	<b><i>Lunch</i></b>			
	<b>13:30 - 15:00</b>	<b>Talks session 5</b>	13:30 - 13:45	Kiss, T.	Local geomorphological factors influencing flood hazard, Lower Tisza, Hungary
			13:45 - 14:00	Holušová, A.	Spatiotemporal dynamics of gravel bars and vegetation cover of two Carpathian rivers
			14:00 - 14:15	Labaš, P.	Identification of benches and ledges within the braided-wandering floodplain formation

<b>Thursday</b> <b>(May 19, 2022)</b>	<b>13:30 - 15:00</b>	<b>Talks session 5</b>	14:15 - 14:30 Vaverka, L. Spatial characteristics of a confluence hydrodynamic zones of the Vsetínská Bečva River (Javorníky Mts.): a relationship between watershed and reach scale morphology 14:30 - 14:45 Bartyík, T. Temporal relationship of deglaciation phases and palaeodischarges on the catchment of River Maros, Central Europe 14:45 - 15:00 Jančovič, M. Geomorphological approach to identification of flood hazard hotspots within marginalized Roma communities in Slovakia
	<b>15:00 - 15:15</b>	<b><i>Coffee break</i></b>	
	<b>15:15 - 16:15</b>	<b>Talks session 6</b>	15:15 - 15:30 Balla, A. Deposition and mobilization of microplastics in a low-energy fluvial environment 15:30 - 15:45 Mikuš, P. Long-term monitoring of the recruitment and dynamics of large wood in Kamienica Stream, Polish Carpathians 15:45 - 16:00 Galia, T. Transport, retention and geomorphic impact of large wood in a meandering river 16:00 - 16:15 Poledniková, Z. Large wood in contrast fluvial landscapes: A tale of different ecosystem services
	<b>16:15 - 16:30</b>	<b><i>Coffee break</i></b>	
	<b>16:30 - 17:45</b>	<b>Talks session 7</b>	16:30 - 16:45 Štěpančíková, P. Late Pleistocene activity of Central European Fault driven by ice loading as revealed by geological data and modeling 16:45 - 17:00 Šuťjak, M. Structure of active faults revealed from 2D deep-reflection seismic profiles in the flysch belt of Outer Western Carpathians 17:00 - 17:15 Findžová, L. Verification of the "Čirá - Kopanina" fault zone using morphostructural analysis and geophysical methods 17:15 - 17:30 Tábořík, P. Special resistivity survey for imaging the sub-aquatic geology 17:30 - 17:45 Kusák, M. How not to lose young researchers from science fields?
	<b>18:00 - 19:00</b>	<b>Poster session 2</b>	Dostalík, M. CGS development cooperation project "Georgia 2021" - assessment of geological hazards in the Kazbegi area Klimeš, J. Application of tree-ring microscopic anatomy for landslide hazard assessment – perspectives and limitations

<b>Thursday</b> <b>(May 19, 2022)</b>	<b>18:00 - 19:00</b>	<b>Poster session 2</b>	Kubalíková, L.      Linking geomorphological and archaeological research at geoscientific site Holedná Hill in Brno, Czech Republic Patrnčíak, L.      Morphometry of Železné Hory Mts. Fault Rusinko, A.      Flash Flood Simulation In The Urbanised Catchment: A Case Study Of Bratislava – Karlova Ves Stemberk, J.      From repeated measurements to early warning systems: DAEMON resistivity system in landslide monitoring Šilhán, K.      Laboratory of Dendrogeomorphology (dendroman.cz): overview and offers Tábořík, P.      Joint interpretations of geophysical measurements as the key to understand slope evolution Wąs, J.      Impact of flood events and Eurasian beaver (Castor fiber) activity on spontaneous renaturalization of Łososina River in the Polish Western Carpathians
	<b>20:00</b>	<b><i>Conference closing, Festive dinner</i></b>	
<b>Friday</b> <b>(May 20, 2022)</b>	<b>7:30 - 9:00</b>	<b><i>Breakfast, Check-out</i></b>	
	<b>9:00 - 16:00</b>	<b>Conference field trip: Geomorphic evolution of Outer Western Carpathians in the Holocene</b>	