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MINISTRY OF EDUCATION,
YOUTH AND SPORTS



OP Education
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INVESTMENTS IN EDUCATION DEVELOPMENT

*Department of Geoscience, Centre of Biology, Geoscience and Environmental Education, Faculty of
Education, University of West Bohemia in Pilsen,*



FACULTY OF EDUCATION
UNIVERSITY
OF WEST BOHEMIA



UNIVERSITY OF WEST BOHEMIA
CENTRE OF BIOLOGY, GEOSCIENCE
AND ENVIRONMENTAL EDUCATION

under the aegis of *Czech Association of Geomorphologists,*



ČESKÁ
ASOCIACE
GEOMORFOLOGŮ

cordially invite you to the conference:

Role of fieldwork in geomorphology

March 10-13, 2015 Pilsen, CZ

The forthcoming 15th annual ČAG conference will be held in the city of Pilsen, Czech Republic. Pilsen, being built on the confluence of four rivers and their terraces, is inspiring place for scientific discussions. The conference topic will be the role of fieldwork in the geomorphology of various environments and other progressive issues that move geomorphology towards new horizons. Packed with ancient history, being the European Capital of Culture for the year 2015 and the World Capital of Beer indefinitely, the city of Pilsen offers a wealth of attractions and activities that are hard to find elsewhere in the Czech Republic or Central Europe. The conference will be held in the ceremonial halls of the famous Pilsner Urquell Brewery. The financial aid of the NEXLIZ project allowed us to invite some European best known experts to head sections and provide invited speeches. We have positive confirmation from Prof Minár (Comenius University, Bratislava), Dr Evans (University of Durham), Dr Hutchinson (University of Salford), Dr Diedrich (Paleo-logic) and Dr Mindrescu (University of Suceava).

Conference themes:

- *I am become death, destroyer of the worlds.* – Man as a creator and victim of landscape changes.
- *Once upon a time, there was an ice age.* – Glacial and periglacial processes and landforms.
- *Water, water, every where!* – Fluvial geomorphosystems on the roof of Europe.
- *We need to go deeper!* – Tectonic and structural geomorphology.
- *Yes, how many years can a mountain exist, before it is washed to the sea?* – Slope processes and slope-channel coupling.
- *Quo vadis?* – Section opened for the geomorphology students and graduates.

Key dates:

- October, 2014: Second letter with an abstract example, registration opened.
- December 25, 2014: Abstracts received, registration deadline.
- January 30, 2015: Notice of acceptance. Payment deadline.
- February, 2015: Conference programme.
- **March 10-13, 2015: Conference.**

Symposium committee:

Mentlík, Pluháčková, Stacke, Vočadlova. Contact: cag2015@cbg.zcu.cz



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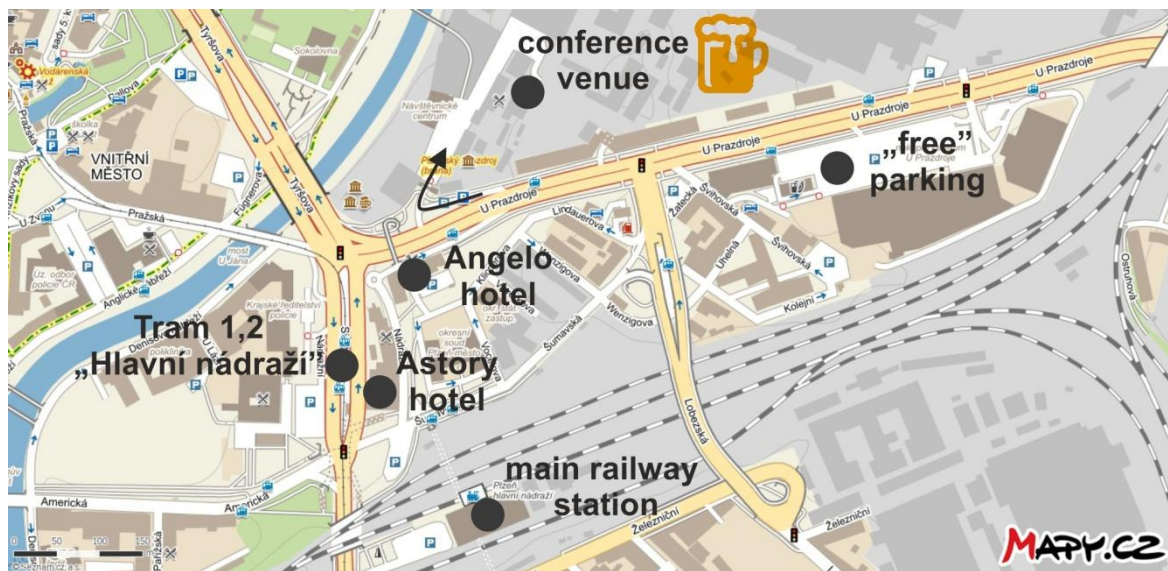
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Conference Venue

The ČAG 2015 Conference will be held in the “SECESE” [ceremonial](#) halls of the Pilsner Urquell Brewery.



For a free parking you can use the parking lot adjacent to the DIY store across the street from the Pilsner Urquell Brewery. Parking in the Brewery is very limited and paid. You can alternatively reach the Brewery by trams no. 1&2 (stop “Hlavní nádraží”). Use the underpass and footbridge to cross the streets if using the public transport.



Main conference languages are **English**, Czech, Slovak and Polish. Participants (esp. students) are strongly encouraged to provide their speech in English. All presentations (12+2 minutes) and posters (**Portrait 800x1100 mm**) must be in English.

Conference hall is equipped with PC (MS/Powerpoint) and video projector.

**Not A0! The size
is slightly smaller!**



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Conference programme

Day	From	To	Stuff
Tuesday March 10	17:00	19:00	registration in the premises of CBG (see below)
	19:00	21:00	Pilsen Old Town walking tour
Wednesday March 11	7:45	10:00	registration in the Pilsen Urquell ceremonial halls
	8:15	8:30	opening speech
	8:30	9:30	I am become death, destroyer of the worlds
	9:30	9:45	<i>coffee break</i>
	9:45	11:15	Once upon a time, there was an ice age
	11:15	13:00	<i>lunch break</i>
	13:00	14:30	Yes, how many years can a mountain exist, before it is washed to the sea?
	14:30	14:45	<i>coffee break</i>
	14:45	15:45	We need to go deeper!
	15:45	16:15	<i>coffee break</i>
	16:15	17:45	Water, water, every where!
	17:45	18:00	<i>coffee break</i>
Thursday March 12	18:00	20:00	poster session
	8:30	10:00	ČAG plenary meeting
	10:00	12:00	brewery excursion
	12:00	13:45	<i>lunch break</i>
	13:45	15:15	keynote lectures vol. 1
	15:15	15:30	<i>coffee break</i>
	15:30	16:30	keynote lectures vol. 2
	16:30	17:00	<i>coffee break</i>
	17:00	18:15	Quo Vadis?
	18:15	18:30	closing ceremony
Friday March 13	19:00	0:00	gala dinner
			post-conference field trip



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Accommodation:

[Astory hotel ****](#) (~250 m from the conference venue)

Single room – 1400 Kč/night, incl. breakfast, wi-fi, taxes and fees.

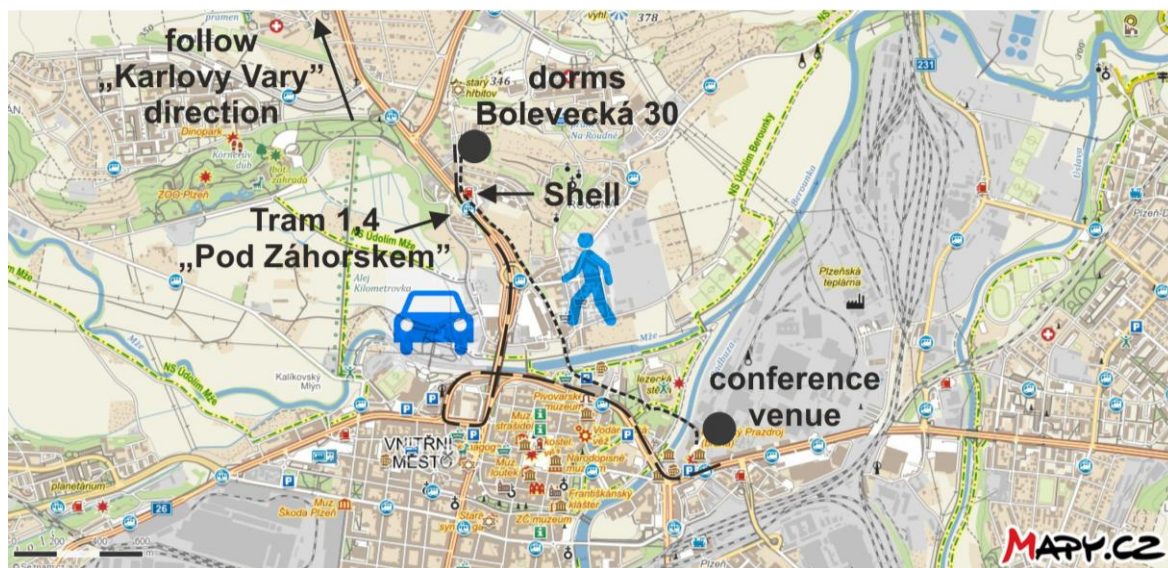
Double room – 1650 Kč/night, incl. breakfast, wi-fi, taxes and fees.

Contact: Nádražní 26, Plzeň, tel.: +420 379 302 302, e-mail: rezervace@astory.cz

Use the footbridge to cross the street if coming from the Astory hotel. Guest parking is possible in front of the hotel.

Hotel-style rooms in the [student dormitory complex](#); Bolevecká 30.

Double rooms with bathroom, TV and variable wi-fi connection – 270 Kč/person/night.



Dorms can be reached by trams no. 1&4 (stop “Pod Záhorskem”) and 250 m uphill (follow the loud students). Using a car follow the “Karlovy Vary” sign, pass under the roundabout, and just past the petrol station turn right and uphill. You can park your car in front of the dorm complex or in the nearby streets.

To reach the conference venue from this facility you can use the tram no. 1 (stop “Hlavní nádraží”) or enjoy pleasant 35 min walk following the shared bicycle/pedestrian path to “Štruncovy sady” and cross the river using footbridge directly into the Brewery.



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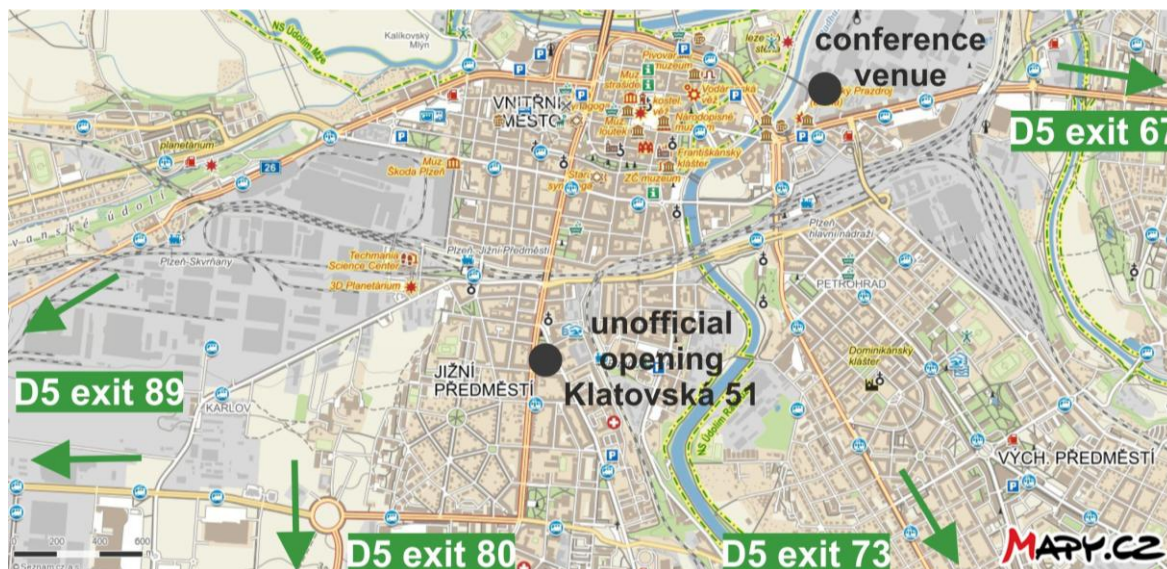


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Unofficial opening and registration

Unofficial opening will start in the premises of the Centre of Biology, Geoscience and Environmental Education (Klatovská 51 – across the yard, 3rd floor) at 17.00, March 10.



You can reach the CBG using tram no. 4 (stop “Dobrovského”). The parking options in the adjacent streets are very limited – it may take some time to find the empty spot.

Pre-conference walking tour

A short free commented walking tour will start at 19.00 in the CBG. The tour was prepared by our students and it will take about 2 hours. You will see the third largest synagogue in the world (Romanesque Revival), the highest cathedral in the Czech Republic (gothic), the Renaissance town hall, the Renaissance Marian column, one of the largest European medieval squares, the gothic Franciscan monastery, statue of famous Hurvínek, Havel’s Place and many more. The tour will conveniently end in the vicinity of one of the best Pilsner beerhouses.

Gala dinner

The Gala dinner will be held in the famous “Na Spilce” restaurant. This stylish restaurant is located directly in the Pilsner Urquell brewery in the former fermentation cellar. The dinner (a.k.a. the feast) will be in the banquet style with the selection of traditional Czech dishes and local desserts. You can choose from five draught beers besides unpasteurized Pilsner Urquell.

Lunches

Lunches are not included in the conference fee. You can visit the “Na Spilce” restaurant in the brewery or one of the restaurants in the city centre.

Brewery excursion

Brewery excursion is now booked for 50 participants. It will take place at Thursday March 12, 10.00. The excursion is to be paid at the registration desk. Regular price 190 CZK; student and 70+ discount price = 100 CZK. Excursion will be in English.

Post-conference field trip

The field trip will take place at March 13. It will start in Pilsen and head to the west. It will end near Prague. It will be organised using participants own cars. We will take care about the participants without a car. The ending of the field trip is planned around 16.00.

Oral Presentations Schedule				
Day	From	To	Title of the contribution	Authors
Wednesday March 11	8:30	9:30	I am become death, destroyer of the worlds	
	8:30	8:45	Hydrological Network Changes Caused By Human Activity. Case Study – Nechranice Dam	Pacina J., Sládek J.
	8:45	9:00	Ore Mts And Human Impact	Břízová E., Bohdálková L., Myška O., Bohdál P., Šrein V.
	9:00	9:15	A New Beautiful Bytom	Mazurek K., Marchewka Ł.
	9:15	9:30	Potential Changes In The Landscape Due To Ox-Bow Revitalization (Case Study From Drava-Basin, Hungary)	Dezső J., Halász A., Tóth G., Miřijovský J., Lóczy D.
	9:45	11:15	Once upon a time, there was an ice age	
	9:45	10:00	Pleistocene Thermokarst Processes In Czechia	Demek J.
	10:00	10:15	Distribution And Morphology Of Rock Glaciers In The Tatra Mountains	Mida P., Uxa T.
	10:15	10:30	The Susceptibility Of The Wielki Rogoźnik Riverbanks (Podhale Region) On The Frost Processes	Augustowski K., Kukulak J.
	10:30	10:45	Application Of Low-Cost UAV In Geomorphological Studies In The Arctic	Blahůt J., Hartvich F., Balek J., Kavan J.
	10:45	11:00	Weathering Origin Of The Loamy Deposits In The Orava Basin (Western Carpathians)	Chmielowska D., Kukulak J., Augustowski K.
	11:00	11:15	Geophysical Surveying In Conditions Of High Arctic: Examples From Svalbard	Hartvich F.
	13:00	14:30	Yes, how many years can a mountain exist, before it is washed to the sea?	
	13:00	13:15	Impacts Of Age-Dependent Tree Sensitivity And Dating Approaches On Dendrogeomorphic Time Series Of Landslides	Šilhán K., Stoffel M.
	13:15	13:30	Shifting The Activity Of Gullies And Debris Flow Tracks In Culmination Parts Of Mid-Mountain Range (A Case Study From The Hrubý Jeseník Mts.)	Tichavský R.
	13:30	13:45	Role Of Land Relief And Structure In The Formation Of Peat Bogs In Mountain Areas, As Exemplified By The Polish Carpathians	Łajczak A.
	13:45	14:00	Is Sackung Diagnostic Feature For (De)Glaciated Mountains?	Pánek T., Mentlík P.
	14:00	14:15	Recent Sedimentation In Landslide-Dammed Lakes In Outer Western Carpathians	Smolková V.
	14:15	14:30	Coupling Between Landslide Activity And Fluvial Erosion Recorded In Tree Rings And Relief (Western Carpathians And Eastern Sudetes)	Wistuba M., Malik I.
	14:45	15:45	We need to go deeper!	
	14:45	15:00	Methods Of Fractal Geometry Used In The Morphometric Analysis Of Ethiopian Highlands	Kusák M.
	15:00	15:15	Dated Deposits On The Terraces Of The Wielki Rogoznik Stream (Podhale Region) In The Orava Fault Zone	Kukulak J., Świerczewska A., Tokarski A.K., Olszak J., Krąpiec M.
	15:15	15:30	Accelerated Late Pleistocene Activity Of The Sudetic Marginal Fault As A Signal Of Ice Loading?	Štěpančíková P., Rockwell T., Nývlt D., Hartvich F., Stemberk J., Ortuño M., Myers M., Luttrell K., Rood D.H., Wechsler N., Hók J.

Thursday March 12	15:30	15:45	Valley Evolution Of Upper Part Of The Biala Łądecka River	Stemberk, J., Štěpančíková, P., Tábořík, P.
	16:15	17:45	Water, water, every where!	
	16:15	16:30	Sources Of Alluvia To A Fore-Mountain Rivers In The Temperate Climatic Zone. Zlatý Potok, Northern Sudetes Foreland, Southern Poland	Klimek K., Ciszewski D., Woskowicz-Ślęzak B.
	16:30	16:45	Design Criteria For Restorations Of Mountain Streams – Examples From The Moravskoslezské Beskydy Mts	Galia T., Škarpich V., Příbyla Z., Hradecký J.
	16:45	17:00	Changing Rivers And Plant Habitat Of The Floodplain Area – Case From The Morávka River	Škarpich V., Horáček M., Šala V., Galia T.
	17:00	17:15	Geomorphic Response To River Regulation Of The Vistula Channel In The Foreland Of The Carpathian Mountains In The Last 200 Years	Gorajska J.
	17:15	17:30	Deteriorating Of Water Quality In Protected Oxbows Due The Om Accumulation And Sedimentation	Tóth G., Dezső J., Halász A., Miřijovský J., Lóczy D.
	17:30	17:45	Riparian Zone Evolution As A Response To River Damming (The Váh River, Slovakia Case Study)	Novotný J., Lehotský M., Cebecauerová M.
	18:00	20:00	POSTER SESSION	
	13:45	15:15	keynote lectures vol. 1	
	13:45	14:15	Advancing Pleistocene And Holocene Climate Change Research In The Romanian Carpathians Using Glacial Deposits And Lake Sediments Chronology	Mindrescu M.
	14:15	14:45	Google-Earth 3D – A Useful Tool In Global Pleistocene LGM Glacial Geomorphology Reconstructions	Diedrich C.
	14:45	15:15	Morphotectonic history of the Western Carpathians (Story of recognition).	Minár J., Bandura P., Bella P., Bielik M., Holec J., Hók J., Kováč M., Králiková S., Medveďová A., Orvoš P., Prokešová R., Soták J., Stankoviansky M., Staškovanová V., Šujan M., Veselský M., Vojtko R.
	15:30	16:30	keynote lectures vol. 2	
	15:30	16:00	Cirques, Rock Avalanches And The Buzzsaw Hypothesis For Mountain Glaciation.	Evans I.S.
	16:00	16:30	'I Am Become Death, Destroyer Of Worlds' – Man As A Creator And Victim Of Landscape Change: Can We Identify And Exploit Anthropogenic Signals?	Hutchinson S.
	17:00	18:15	Quo Vadis?	
	17:00	17:15	Recent Evolution Of (Pro)Glacial Lakes In Tyrol (Austria) And Long-Term Behavioral Patterns	Emmer A., Merkl S., Mergili M.
	17:15	17:30	Longitudinal Profiles Of The Tatra Vallyes As A Mirror Of Morphotectonic Development	Havaš M.
	17:30	17:45	Geomorphological Conditions Of Rohačka Karst Area	Kovalík M.
	17:45	18:00	Sedimentation In The Cutoff Channels, Case Study In The Strážnický Meander, River Morava	Holík P., Šulc Michalková M.
	18:00	18:15	The Aizm Flood Model - Accuracy And Perspective In The Geomorphological Research	Caletka M., Koli M., Šulc Michalková M.



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List of Poster Presentations		
Assigned Stand	Poster Title	Authors
1	Delineation Of Basic Morphometric-Morphostructural Individuals Of The Western Carpathians Using Object-Based Image Analysis	Bandura P., Dráguť L., Harciníková T.
2	Re-Assessment Of Permanent Snow-Avalanche Paths In The Krkonoše Mts. Based On Numerical Run-Out Modelling	Blahůt J., Klimeš J., Balek J., Tábořík P.
3	Debris Flows Modelling In The Krkonoše Mts.	Drábová Z.
4	Recent Evolution And Degradation Of The Bent Jatunraju Glacier (Cordillera Blanca, Peru)	Emmer A., Loarte E., Klimeš J., Vilímek V.
5	Long-Term Monitoring Of Slow Slope Deformation - Case Study Of Obří Hrad	Hartvich F.
6	The Pleistocene Loamy Deposits In The Orava Basin (Western Carpathians) Based On Grain-Size Analysis	Chmielowska D.
7	Geotourism On Landslides As A New Way Of Education About Mass Processes	Chrobak A.
8	Floodplain Delineation On Small Streams According To Traditional Approaches And Their Application In Practical Tasks	Jakubínský J.
9	Vector Analysis Of Valley Axes In A Relation To Geological Structures On The Kunětická Hora Hill Near Pardubice	Juráček J.
10	Pattern Of Stream Channel Morphology On The Northern Slope Of Babia Góra Massif, Western Carpathian Mountains	Kowalski R.
11	Micromorphology Of Sand Grains Of Glof'S Sediments From Peru	Krbcová K.
12	Beaver Activity In The Changing Watershed Of The Kateřinský Brook	Kunc P., Plecháč P., Cihelková M., Bártová A., Stacked V.
13	Transport Of Suspended Sediment By The Vistula River Basin Upstream Of Kraków, Southern Poland, And Human Impact During The Second Half Of The 20th Century	Łajczak A.
14	The New Features Of Landslide Relief Discovered Using Lidar. Case Study From The Babia Góra Ridge, Western Carpathian Mountains	Łajczak A., Czajka B., Kaczka R.J.
15	The Cyrilka Cave: Longest Crevice-Type Cave In Czech Republic	Lenart J.
16	The Impact Of Earthquakes On Landslide Activity In The Western Carpathians Determined By The Means Of Dendrochronology	Malik I., Wistuba M., Polowy M., Barnaš A., Franek M.
17	The Influence Of Mining Activity On Landform Features	Mazurek K.
18	On The Genesis And Age Of Loess In South-East Part Of The Danube Basin. The Present State Of Research.	Medveďová A., Szeberényi J., Roštínský P., Holec J.
19	Atlas Of Landforms Of West Bohemia	Mentlík P., Rak J.
20	Fluvial Geomorphological Mapping And Classification Of The Černá Opava River	Onďráčková L.
21	Morphostructures Of The Western Carpathians	Orvoš P.
22	Extremely Strong Winds In The Tatra Mountains In 1968 And 2013 – Meteorological Conditions And Scale Of Devastation	Pietras B., Chrobak A.
23	Geomorphological Mapping And Relative Dating Of Glacial Landforms In Roháčská Valley In The Western Tatra Mts.	Pluháčková M., Mentlík P.
24	Landslide Activity By The Kozárovce Village (Levice District, Slovakia)	Ružek I., Šilhán K., Burian L., Putiška R.
25	Effects Of Stress Field On Weathering Of Sandstone Forms And Monuments In Petra Archaeological Site, Jordan	Řihošek J., Bruthans J.
26	Large-Scale Uav Mapping Of Slope Deformation In Svätý Anton – Central Slovakia	Sládek J., Rusnák M., Buša J., Greif V.
27	Effects Of Lichen Coverage On Sandstone Surfaces: Quantitative Study Of Hydraulic And Mechanical Properties	Slavík M., Bruthans J.
28	Land Degradation By Soil Erosion And Land Use In Kedida Gamela Woreda, Ethiopia	Smolíková J., Kobzová D.
29	Landform Evolution In The Region Of The Jizera And Labe Confluence	Steklá T.
30	Multi-Hillshade Hierarchic Clustering – A New Artefact Resistant Method For Automatic Lineament Extraction	Šilhavý J., Minár J., Mentlík P., Sládek J.
31	Time-Lapse Resistivity Measurements In Landslide Monitoring – Benefits, Difficulties And What We Have Learned So Far	Tábořík P., Harvich F., Belov T., Vlček L., Blahůt J., Stacked V., Prokešová R.
32	Landscape Development In The Surroundings Of Javoří Pila (The Šumava Mts., Czech Republic)	Tlapáková L.
33	Periglacial Coluvial Blocky Deposits From Kamienna River Valley, Karkonosze Mts. (Sw Poland): New Techniques And Conventional Approach	Traczyk A.
34	Landslide Hazard Assessment And Prediction Of Landslide Catastrophes With The Use Of Dendrochronology	Wistuba M., Malik I., Baldys D.