

Programme

Monday, June 24, 2019

12:00-13:00	Registration	
13:00-13:30	Opening ceremony	Dr. T. Kiss (Geomorphological Committee of the Hungarian Academy of Sciences)
		Prof. Z. Kónya (University of Szeged, vice-rector)
		Prof. G. Mezősi (USZ, Department of Physical Geography and Geoinformatics)

Session 1	Special techniques in Geomorphology.	<i>Session chair: Jozef Minár</i>
13,30-13,50	<u>MINÁR Jozef</u> , Peter BANDURA (keynote lecture) <i>Interpretation of results of physically based morphostructural segmentation of the Western Carpathians</i>	
13,50-14,05	<u>VÍG Balázs</u> , Szabolcs Á. FÁBIÁN <i>Quantitative analysis of small catchments in the Mecsek Mountains using formulae and GIS tools</i>	
14,05-14,20	<u>VITOVÍČ Ladislav</u> , Jozef MINÁR <i>Morphometric analysis of the Podtatranska Kotlina Basin and its neotectonic interpretation</i>	
14,20-14,35	<u>ONACA Alexandru</u> , Mircea VOICULESCU, Florina ARDELEAN, Emil GACHEV, Petru URDEA, Brigitte MAGORI, Flavius SÎRBU <i>Thermal and morphological characteristics of rock glaciers in the Rila and Pirin Mountains</i>	
14,35-14,50	<u>PRELOVŠEK Mitja</u> , Andrej MIHEVC <i>Rates of geomorphic processes in Škocjan Caves, Classical Karst</i>	
14,50-15,05	<u>BARTYIK Tamás</u> , György SIPOS, Dávid FILYÓ, Gergő MAGYAR <i>Application of quartz luminescence sensitivity to distinguish the sediments of different rivers in the Carpathian Basin</i>	

15,05-15,30	Coffee break
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15,30-16,30	Workshop on EU project possibilities.	<i>leaders: Gábor Mezősi, György Sipos</i>
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16,30-17,00	Meeting of the Carpatho-Balkan-Dinaric Geomorphological Commission	<i>Petru Urdea, Head of the commission</i>
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17,00-19,00	Geo-walk at Szeged	<i>guided by Tímea Kiss</i>
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Tuesday, June 25, 2019

Session 2	Quaternary evolution of the CBD region. <i>Session chair: Slobodan Marković</i>
9,00-9,20	MARKOVIĆ S.B., LEHMKUHL F., VANDENBERGHE J., GAVRILOV M.B., LUKIĆ T., SIPOS GY., MEZŐSI G., RADA KOVIĆ M., MARKOVIĆ R.S., BASARIN B. (keynote lecture) <i>Geomorphology of the Vojvodina region, Northern Serbia – following Bukurov's research vision</i>
9,20-9,35	SIPOS György, TÓTH Orsolya, KISS Tímea, MEZŐSI Gábor <i>Reconstruction of the Late Pleistocene and Holocene shift of the Danube on the Hungarian Great Plain</i>
9,35-9,50	NICULIȚĂ Mihai, Mihai C. MĂRGĂRINT, Nicușor NECULA, Valeriu STOILOV-LINU <i>Upper Pleistocene landslide evidences at Costești (Moldavian Plateau, Romania)</i>
9,50-10,05	HORÁČKOVÁ Šárka, Vladimír FALŤAN, Juraj PROCHÁZKA, Peter PIŠÚT, Martin BAČA, Malvína ČIERNIKO VÁ, Martin ANDREJKA <i>Temperate woodland expansion during Middle Holocene in sand dune environment (Vienna basin)</i>
10,05-10,20	VASS Róbert <i>Development of fluvial landforms in the Bereg Plain, Upper Tisza Region, Hungary</i>

10,20-10,40	Coffee break
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Session 3	Long-term evolution and human impact in the CBD region. <i>Session chair: Petru Urdea</i>
10,40-11,00	URDEA Petru, Alexandru HEGYI, Dragoș DIACONESCU, Victor BUNOIU (keynote lecture) <i>The relevance of the geoarchaeological approach to the knowledge of the archaeological sites of the tumuli type: illustrations from the South-West of Romania</i>
11,00-11,15	VICZIÁN István, György SIPOS, Dávid G. PÁLL, Farkas M. TÓTH, Gábor SZILAS, Zsuzsanna M. VIRÁG, Máté SZABÓ, János BALOGH, Csilla KIRÁLY, Tamás BARTYIK, Dávid FILYÓ <i>Prehistoric environmental reconstruction and Holocene floodplain development of NW Budapest</i>
11,15-11,30	GALIA Tomáš, Václav ŠKARPICH, Stanislav RUMAN, Tereza MACUROVÁ, Jan HRADECKÝ <i>Morphological response of mountain streams to long-term human interventions in the Czech Carpathians</i>
11,30-11,45	BLANKA Viktória <i>Morphological response of the Hernád River on various natural and human impacts</i>

11,45-12,15	Poster session <i>Session chair: Petru Urdea</i> ALSENJAR Omar: <i>Hydrological changes related to climate change on the Fehér-Körös and Hernád Rivers based on a centurial data set</i> CRIȘU Lavinia, Cristian RĂDUCĂ, Sandu BOENGIU: <i>Expansion of urban space and its geomorphological implications in Băilești Plain.</i> DJUROVIĆ Mirela, Violeta GAJIC, Nebojša VASIĆ, Predrag DJUROVIĆ: <i>Filling up dolines by Aeolian sediments in the high mountainous karst on Durmitor (Montenegro)</i> HAJDUKIEWICZ Maciej, Bartłomiej WYŻGA, Hanna HAJDUKIEWICZ, Paweł MIKUŚ: <i>Photogrammetric reconstruction of changes in vertical river position using archival aerial photos: case study of the Czarny Dunajec River, Polish Carpathians</i> HAMED Elsayed Diaa, György SIPOS, Sándor KOVÁCS, Gergő GÁL: <i>Mapping structural</i>
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	<p><i>defects and subsidence zones along the artificial levees of the Tisza River, Hungary</i> <u>ISMAILOV Yerlan</u>: <i>Using InSAR technique to study inland excess water problems on the example of South-Eastern Hungary</i></p> <p><u>JULA Mihai</u>, <u>Mircea VOICULESCU</u>: <i>Tourist trails assessment using dendro-geomorphological approach and topographic parameters in the Făgăraș Massif, Southern Carpathians, Romanian Carpathians</i></p> <p><u>KIS Éva</u>, <u>Dénes LÓCZY</u>, <u>Ferenc SCHWEITZER</u>, <u>István VICZIÁN</u>: <i>Paleo-environmental change research on the IV. and V. Terraces of Red Hill (Moravia)</i></p> <p><u>LIRO Maciej</u>, <u>Paweł MIKUŚ</u>: <i>Application of a low-cost drone and SfM photogrammetry for high resolution mapping of a river channel</i></p> <p><u>MATSHAKENI Zine</u>: <i>Long-term land cover changes on cross-border floodplain sections of the Middle Danube River: Do country borders influence land cover processes?</i></p> <p><u>MIKUŚ Paweł</u>, <u>Bartłomiej WYŻGA</u>: <i>Long term monitoring of the recruitment and dynamics of large wood in Kamienica Stream, Polish Carpathians</i></p> <p><u>TLAPÁKOVÁ Lenka</u>, <u>Tonáš PÁNEK</u>: <i>Holocene valley floor evolution in the forested headwater catchment of the Outer Western Carpathians</i></p> <p><u>VAVERKA Lukáš</u>, <u>Václav ŠKARPICH</u>: <i>Fluvial system diversity in relation to confluence hydrodynamic zone – a review study</i></p> <p><u>VICZIÁN István</u>, <u>Farkas M. TÓTH</u>, <u>Máté SZABÓ</u>, <u>János BALOGH</u>, <u>Csilla KIRÁLY</u>, <u>Éva KIS</u>, <u>József SZEBERÉNYI</u>: <i>Natural and human induced geomorphological processes during the Holocene along the Danube at the foot of the Castle Hill in Budapest</i></p>
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12,30-13,40	Lunch (at the Department)
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Session 4	Active fluvial processes in the CBD region.	<i>Session chair: Máčka Zdeněk</i>
13,40-14,00	<u>MÁČKA Zdeněk</u> (keynote lecture) <i>Active channel dynamics and oxbow lake development in lowland freely meandering rivers with artificial training history, Central European perspective</i>	
14,00-14,15	<u>STOILOV-LINU Valeriu</u> , <u>Mihai NICULIȚĂ</u> , <u>Dan DUMITRIU</u> , <u>Nicușor NECULA</u> <i>Vertical and horizontal adjustments of Bistricioara River channel (Eastern Carpathians, Romania) in the last 100 years</i>	
14,15-14,30	<u>AMISSAH Gabriel J.</u> , <u>Timea KISS</u> <i>The morphological evolution of a large alluvial river channel under human impacts: a case of the Lower Tisza River, Hungary</i>	
14,30-14,45	<u>HRADECKÝ Jan</u> , <u>Václav ŠKARPICH</u> , <u>Tomáš GALIA</u> , <u>Lukáš VAVERKA</u> , <u>Václav GURKOVSKÝ</u> <i>Morphological effects of long-term low sediment inputs – the Elbe river</i>	
14,45-15,00	<u>KIS Éva</u> , <u>Dénes LÓCZY</u> , <u>Ferenc SCHWEITZER</u> , <u>István VICZIÁN</u> <i>Natural and anthropogenic factors generating riverbank with erosion hazard on the Lower Tisza River</i>	
15,00-15,15	<u>HAJDUKIEWICZ Hanna</u> , <u>Bartłomiej WYŻGA</u> <i>Causes and impacts of twentieth century expansion of riparian forest in the valleys of Polish Carpathian rivers</i>	
15,15-15,30	<u>LIRO Maciej</u> , <u>Paweł MIKUŚ</u> , <u>Edward WALUSIAK</u> , <u>Karol PLESIŃSKI</u> , <u>Bartłomiej WYŻGA</u> <i>Response of riparian vegetation to backwater fluctuation: an example of a Polish Carpathian stream</i>	

15,30-16,00	Coffee break
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Session 5	Hydro-geomorphological assessment and management of surface waters <i>Session chair: Bartłomiej Wyżga</i>
16,00-16,20	WYŻGA Bartłomiej (keynote lecture) <i>Twentieth century incision of Polish Carpathian Rivers: assessment, effects and possibilities of mitigation</i>
16,20-16,35	MARTINIĆ Ivan, Ivan ČANJEVAC <i>Hydromorphological research of natural lakes in Croatia</i>
16,35-16,50	POLEDNIKOVÁ Zuzana, Tomáš GALIA: <i>Public perception of gravel bed rivers. A case study from the Czech Carpathians</i>
16,50-17,05	MACUROVÁ Tereza, Václav ŠKARPICH, Tomáš GALIA, Stanislav RUMAN, Jan HRADECKÝ <i>Possibilities for stopping of further degradation gravel-bed Morávka River</i>
17,05-17,20	ČANJEVAC Ivan, MARTINIĆ Ivan <i>Hydromorphological monitoring of rivers in Croatia – main issues and challenges</i>
17,20-17,35	ŠKARPICH Václav, Tomáš GALIA, Jan HRADECKÝ <i>Conceptual framework for restoration of Czech Carpathian Rivers</i>
17,35-17,50	NAGY Judit <i>Floodplain aggradation and related flood risk: case study on the Lower Tisza River (Hungary)</i>
18,00-20,00	Gala Dinner

Wednesday, June 26, 2019

Field trip I.

Processes along the Maros/Mures River from Lipova (RO) to Szeged (HU) guided by György Sipos

The aim of the *fieldtrip* is to describe the downstream morphological changes of the **Maros/Mures River** from the apex of its alluvial fan to its confluence. We will see channel pattern changes (e.g. meandering, braided), extreme incision related to in-channel gravel mining, floodplain forms, and various effects of river regulation.

Starts at 7,00 at the University. Slight walks. Sandwiches for lunch will be provided.
To cross the border, an **ID card or passport is needed!**

Thursday, June 27, 2019

Fieldtrip II.

Lower Tisza flood- risk and solutions: from Szeged to Csongrád guided by Tímea Kiss

The fieldtrip is organised around the increasing extremities of the **Tisza River**, and the related flood hazard. We discuss the local and catchment-scale causes of floods, and their consequences, the way of river regulations, and the causes of striking differences between the two visited rivers. Simultaneously, we have a chance to see some Quaternary floodplain features and to understand the Late Pleistocene – Holocene evolution of the area.

Starts at 8,00 at the University. Slight walks. Sandwiches for lunch will be provided.
Please, bring long trousers and long-sleeved shirt to protect yourself from mosquitoes.