

State of geomorphological research in 2024

Tuesday 23 April

13:00 - 17:00 Pre-conference workshop - field work

Wednesday 24 April

9:00 - 12:00 Pre-conference workshop - data analysis

12:00 -13:00 Registration opening & Lunch break

13:00 - 13:30 Conference opening, Best Thesis Contest Award ceremony

13:30 - 15:00 Key note lecture

Doc. Mgr. Daniel Nývlt, Ph.D.: Postglacial climatic and environmental evolution of James Ross Archipelago, Eastern Antarctic Peninsula based on deglaciation chronologies and palaeolimnological records

15:00 - 15:30 Introduction of "Sesuvy s nadhledem" exhibition & Coffee break

15:30 - 17:00 Plenary session I. chair: Tomáš Galia

- 1) Cosmogenic ^{10}Be exposure dating of a pre-Holocene flowslide from the Kamienne Mountains, Sudetes
 - Karol Tylmann, Piotr Migoń, Vincent Rinterknecht, Aleksandra Bielicka-Giełdoń, ASTER Team
- 2) Geomorphological impacts of crop diversification in Hungary
 - Dénes Lóczy, József Dezső, Ervin Pirkhoffer, Szabolcs Czigány
- 3) Quo vadis, dendrogeomorphology?
 - Radek Tichavský
- 4) Contemporary dynamics of glacial lakes in Spitsbergen: comparison between systems developing in northern, central and southern regions
 - Iwo Wieczorek

17:30 - 19:00 Dinner break

19:00 - 19:45 Short excursion to Křtiny Church and Ossuary

20:00 CAG General Assembly

Thursday 25 April

9:00 - 10:40 Plenary session II. chair: Zdeněk Máčka

- 1) Assessing Large Wood Dynamics Using Time-Lapse Photography
 - Zuzana Poledniková, Adriana Holušová, Tomáš Galia
- 2) Riparian Vegetation Change Detection Using Random Forest Along the Danube Side Arms
 - Miloš Rusnák, Hamid Afzali
- 3) Impacts of Climate Change and Human Activity on Sediment Load Variability in Western Ghats Rivers
 - Sumit Das, Gianvito Scaringi, Yunus Ali, A.C. Narayana
- 4) Influence of vegetation on meander morphodynamics over two decades: A case study from the Odra River, Czechia
 - Tomáš Galia, Zuzana Poledniková, Václav Škarpich
- 5) Geomorphic Assessment of Discharge potential to identify areas more vulnerable to erosion after River Training, A case study of the Belá River
 - Akhtar Zeb Khan, Anna Kidova

10:40 - 11:10 Coffee break

11:10 - 12:30 Plenary session III. chair: Lucie Kubalíková

- 1) Geotouristic and educational potencial of the geosites in the Podtatrze Area
 - Ján Novotný, Anna Chrobak-Žuffová, Anna Delekta, Joanna Fidelus-Orzechowska, Vladimír Székely, Daniel Michniak
- 2) 200 years of coupled relief disturbance in the heart of a former industrial city
 - Jan Lenart, Martin Kašing, Kristýna Schuchová, Radek Tichavský
- 3) Remnants of extreme morphodynamic processes at the site of a World War II military conflict (Koźle Basin, southern Poland)
 - Jan M. Waga, Bartłomiej Szypuła, Kazimierz Sendobry, Krzysztof Jochymczyk, Mariusz Grabiec
- 4) Cave Pearls: The Hidden Treasures of Mines
 - Kristýna Schuchová

12:30 - 13:30 Lunch break

13:30 - 15:10 Plenary session IV. chair: Piotr Migoń

- 1) Generalization of LiDAR data for computing morphometric characteristics in land cover change modelling
 - Adam Rusinko, Richard Feciskanin, Michal Druga, Jozef Minár
- 2) Circular structures in central Europe indicated by composite landform features
 - Pavel Roštínský
- 3) Combining multi-BACI approach, LiDAR data, historical aerial photographs and UAV survey for inferring multi-decadal and ongoing channel degradation
 - Miloš Rusnák, Ján Kaňuk, Anna Kidová, Milan Lehotský, Hervé Piégay, Ján Sládek, Lukáš Michaleje
- 4) Images of flysch bedrock structures on ERT cross-sections: order from chaos?
 - Filip Hartvich, Ivo Baroň and Rostislav Melichar
- 5) Discovery of deeply eroded diatremes with negligible geomorphic manifestation in the Bruntál Volcanic Field, Czechia
 - Martin Kašing, Jakub Jirásek, Dalibor Matýsek, Jan Valenta, Petr Tábořík, Vladislav Rapprich, Tomáš Pek

15:10 - 15:40 Coffee break

15:40 - 17:00 Plenary session V. chair: Jan Klimeš

- 1) Failed Patagonian tableland: landslides distribution and controls
 - Jakub Kilnar, Tomáš Pánek, Michal Břežný, Diego Winocur, Karel Šilhán, Veronika Kapustová
- 2) Landslides on the growing folds of the Kura fold-and-thrust belt (Azerbaijan, Georgia)
 - Michal Břežný, Tomáš Pánek, Hans-Balder Havenith, Alessandro Tibaldi
- 3) Geomorphometric studies of valley network in the Stołowe Mountains
 - Wioleta Poręba, Piotr Migoń, Milena Różycka, Krzysztof Parzóch
- 4) Anthropogenic impact on the water course in the Labe (Elbe) and Jizera confluence area
 - Tereza Steklá

17:30 - 18:30 Poster presentations

19:00 Social dinner

Friday 26 April

9:30 - 12:00 Field trip to Býčí skála Cave guides: Vlastislav Káňa (Muzeum Blanenska, p. o.)
Veronika Kršková (Czech Geological Survey)