

Dear students and early-career colleagues,

We would like to invite you to the 2nd ČAG-ASG Workshop focused on field survey methods, data acquisition and processing in fluvial geomorphology, which will be held before the ČAG-ASG conference State of Geomorphological Research in 2022.

The workshop will take place in the conference venue, Horní Bečva (Hotel Duo) on **MAY 17-18, 2022**

The general aim of the workshop is a demonstration of modern methods and its application in fluvial-geomorphic research. Modern research in fluvial geomorphology requires an integrated approach to answer the questions on river behaviour. The workshop will be focused on selected methods, commonly used by the organizers from the University of Ostrava and the Slovak Academy of Sciences during their research. The workshop is addressed to those students and young researchers who are dealing with river systems, hydrology or river restorations, but also to those, who want to broaden their skills and meet new colleagues.

### THE WORKSHOP WILL BE FOCUSED NAMELY ON:

- basic field survey of river flow and river channels (flow velocity and discharge measurements, sediment size parameters, cross-sectional geometry);
- methods of bedload transport modelling using different tools (BAGS software, Bedload Tool, Bedloadweb);
- basics of optical granulometry and related software (Sedimetrics, BaseGrain, PebbleCounts);
- quantification of channel stability and relations between the hydraulic and sedimentological parameters;
- assessment of maximum flood discharges from palaeostage indicators;
- demonstration of PIT tag monitoring for the evaluation of sediment transport.

### BASIC SCHEDULE OF THE WORKSHOP

#### Tuesday May 17

12:00-13:00 arrival/accommodation of the participant

13:00-17:00 field survey and data acquisition  
on the Bečva River

17:00-19:00 data processing

#### Wednesday May 18

12:00-13:00 data processing and modelling,  
presentation of the result

### FURTHER INFORMATION

- the workshop is free of charge. The participants will however pay the accommodation and meals in Hotel Duo (more information with the conference 2nd circular);
- minimum number of participants to open the workshop is 5;
- detailed program and registration instructions will be provided in the workshop 2nd circular (send on March 4th, 2022);
- the workshop is primarily intended for students of master or postgraduate programs and early-career researchers (post-docs);

We would like to ask potential participants to express their preliminary interest by a non-committal e-mail as soon as possible – please quote “workshop” in the subject line of your email.

**CONTACT US**  
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