



INTERNATIONAL ASSOCIATION OF GEOMORPHOLOGISTS (IAG)  
REGIONAL CONFERENCE ON GEOMORPHOLOGY  
16 - 18 September, 2025, Timisoara, Romania



**4th IAG-EGU Intensive Course**

# **Geomorphic services for environmental change understanding: from field surveying to dynamic and systemic risks evaluation**

Zoological Research Station of the University of Bucharest,  
Sinaia, ROMANIA  
12-15 September, 2025

## **PROGRAMME**



# General schedule

## Friday, September 12

- 12:00 Faculty of Geography, Bucharest University: pick-up 1;
- 13:00 Henri Coandă (Bucharest-Otopeni) Airport: pick-up 2;
- 13:00 – 16:00 Transfer to the venue;
- 17:00 – 19:00 Participants presentation; brief introduction: topics, case studies, methodologies, teaching team;
- 19:30 – 21:30 Ice breaker.

## Saturday, September 13

- 08:00-08:45 Breakfast;
- 09:00-15:00 Transfer and field work "landslides": TLS, UAV LiDAR, ERT, rock sampling for absolute dating; packed lunch;
- 15:00-16:00 Transfer to the venue;
- 17:00-20:00 Data interpretation and lectures:
  - Measurement data handling and interpretation;
  - **Kristen Cook**: *Terrestrial and UAV Lidar and Structure from Motion for geomorphic change detection*;
  - **Mihai Niculiță**: *Geomorphological applications of shallow geophysics*;
- 20:30-21:30 Dinner.

## Sunday, September 14

- 08:00-08:45 Breakfast;
- 09:00-14:00 Transfer and field work "snow avalanches": snow avalanches, soil erosion; packed lunch;
- 14:00-15:00 Transfer to venue;
- 16:00-20:00 Data interpretation and lectures\*:
  - Measurement data handling and interpretation;
  - **Anita Bernatek-Jakiel**: *Soil erosion – recent advances in research techniques*;
  - **Martin Mergili**: *Landslide simulation: state of the art and future directions*;
- 20:30-21:30 Dinner.

## Monday, September 15

- 07:30-08:15 Breakfast;
- 08:30-13:00 Lectures and final evaluation:
  - **Roxana Ciurean**: *Systemic multi-(hazard-)risk assessment and management in complex mountain environments: tools, methods, and approaches*;
  - Participants: educational and research skills added value and course usefulness;
  - Conclusions;
- 13:00-14:00 Lunch;
- 14:00-20:00 Transfer to Timișoara.

**\*suggested time: 60 min, but can be adjusted; suggested focus on: literature and practice state-of-the-art, technological advancements, databases and software useful for participants in their future career, tips'n'tricks**

## Logistic info:

- București-Sinaia and Sinaia-Timișoara transportation will be provided; YGs attending only the IC (without RCG) will organize their departure from Sinaia individually;
- Field equipment needed (hiking boots, rain jacket, warm clothes, small backpack);
- Field work site "landslides" = 1900-2000 m a.s.l.; field work site "snow avalanches" = 1600-1800 m a.s.l.; 40-60 min low difficulty hike required for each site;
- Participants will bring their own laptops/tablets; necessary software will be provided in advance by the organizers;
- Special dietary requests: please notify the organizers via email;