

TOOLS FOR TRACKING PERIGLACIAL CHANGE: FROM LOCAL TO REGIONAL APPROACHES

Trafoi, Autonomous Province of Bozen/Bolzano, Italy

August 31-September 7, 2026

Training Team

Francesco Brardinoni (University of Bologna) – local contact

Jacopo Boaga (University of Padova) – Yan Hu (University of Fribourg)

Janos Meszaros (HUN-REN, Budapest) – Line Rouyet (NORCE, Tromsø)

Flavius Sirbu (West University of Timișoara) – Sebastian Vivero (EPFL, Sion)



PermaCOST
[Webpage](#)

MAIN TRAINING TOPICS

RGIK rock glacier inventorying: geomorphological mapping and InSAR-based kinematic characterization; Ground truthing; UAV/GNSS-based surveying; Electrical Resistivity Tomography (ERT)

PROVISIONAL SCHEDULE (DAILY ARRANGEMENT WILL DEPEND ON WEATHER CONDITIONS)

31.08 - Afternoon: Arrival and ice-breaker @ Stelvio National Park Visitor Centre

01.09 - Whole day: Introductory field excursion led by Volkmar Mair (Geological Office, Bolzano)

02.09 - Whole day: RGIK inventorying: Theory & hands on geomorphological mapping/characterization

03.09 - Morning: Hands on DInSAR kinematic characterization of rock glaciers

- Afternoon: Introduction to UAV-based Structure from Motion (SfM) and ERT surveying

04.09 - Whole day of fieldwork: UAV-GNSS and ERT surveys, and ground truthing (part 1)

- Evening: Extracting Rock Glacier Velocity time series from DInSAR information (Philip Bernhard, Gamma RS)

05.09 - Morning: Geomorphological ground truthing (part 2)

- Afternoon: ERT post processing and outputs

06.09 - Morning: UAV SfM post processing and outputs

- Afternoon: RGIK inventory consolidation based on fieldwork insights and wrap up

07.09 - Morning: Departure

TARGET AUDIENCE

PhD students and early-career researchers working on permafrost or related topics.

EXPENSES AND FINANCIAL SUPPORT

Accommodation with full board (87 € per day) is reserved for all participants at [Stelvio Residence](#).

(i) Students will pay for the hotel. After the Training School, up to 60 € per day will be reimbursed to help cover expenses, upon submission of supporting documents via e-COST.

(ii) Travel costs will be reimbursed up to a maximum of 500 €.

Please note: Reimbursement eligibility is restricted to students from **COST Full Member** and **Near Neighbour Countries**. Detailed information on financial support will be shared in the acceptance letter.

Submit your **application** (and informal queries) by e-mail to info@permacost.eu attaching your CV and a 1-page motivation letter on how permafrost relates to your project. Application review will start on **March 15, 2026**. The call will remain open for longer, until all available spots are filled.

