

COST ACTION CA24157

PhD Training School on

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)
Jacopo Boaga (University of Padova)
Yan Hu (University of Fribourg)
Line Rouyet (NORCE Research, Tromsø)
Flavius Sirbu (West University of Timișoara)
Sebastian Vivero (EPFL, Sion)



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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

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)

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 involved in permafrost research: we can accommodate a maximum of **25 students**

EXPENSES AND FINANCIAL SUPPORT

Students from **COST Full Member** and **Near Neighbour Countries** are eligible for partial reimbursement:

(i) of the lodging expenses: 37€ (out of 87€) of the daily full board at Stelvio Residence for 7 days;

(ii) of the travel expenses: the amount (500€ maximum) will be indicated in your letter of acceptance.

Submit your **application** (and informal queries) by e-mail to info@permafrost.eu

attaching your CV and a 1-page motivation letter on how permafrost relates to your PhD work

Application Deadline: **March 15, 2026**

Notification of Acceptance: **March 30, 2026**