

TOOLS FOR TRACKING PERIGLACIAL CHANGE: FROM LOCAL TO REGIONAL APPROACHES

Trafoi, Autonomous Province of Bozen/Bolzano, Italy

August 31-September 7, 2026

Training Team

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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

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**



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