

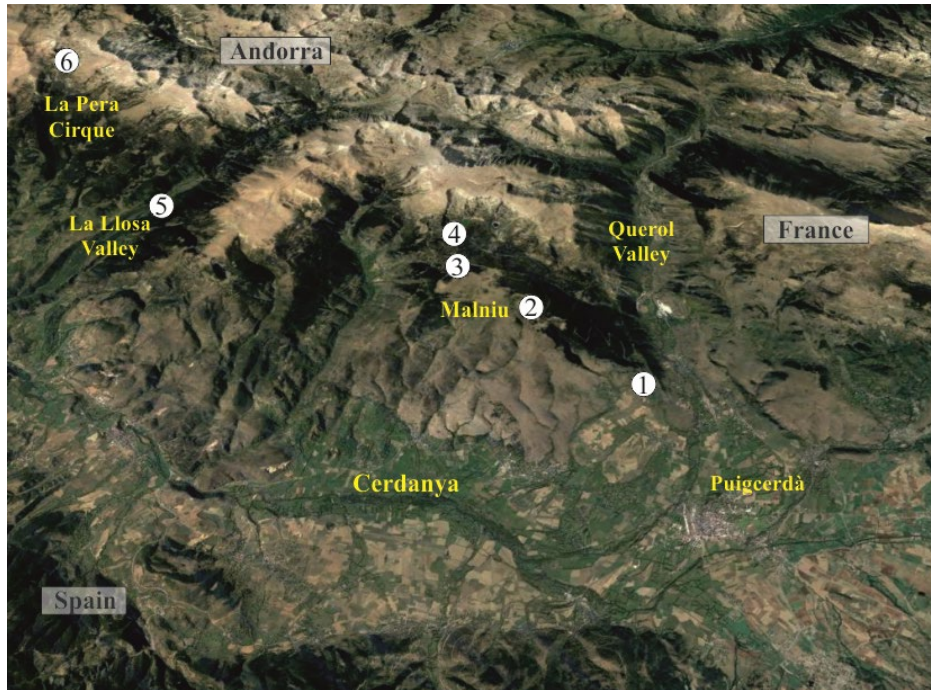
Field trip to Puigpedrós - Perafita mountains, Cerdanya

Nuria de Andrés, David Palacios, and José María Fernández-Fernández (Universidad Complutense de Madrid),
Marc Oliva (Universitat de Barcelona)

Maximum: 60 participants

Time start-end: 8-19 h

Topics: glacial geomorphology, periglacial geomorphology, rock glaciers, deglaciation.



Stops

- 1- **Gulls de Cerdanya.** Presentation of the geographical setting, glacial chronology in the Pyrenees and Cerdanya. Discussion of the timing and different types of glaciation.
- 2- **Malniu plateau.** Frontal moraines of the last glacial cycle, glacial diffluence. Earth hummocks, soil thermal regime. Forest expansion, treeline dynamics.
- 3- **Bus stop.** Short hiking to Malniu Lake (45 min). Frontal moraines, discussion of the chronology of glacial oscillations. Discussion about periglacial dynamics and permafrost at the summit level.
- 4- **Malniu Lake.** Rock glaciers. Discussion of rock glacier formation and chronology in the Pyrenees.
- 5- **La Llosa Valley.** Lateral (polygenic) moraines. Discussion of glacial chronology. View of the Cadí Massif. Lunch.
- 6- **La Pera Cirque.** Short hiking (30 min). Different type of rock glaciers, rock avalanches, relict debris-covered glaciers. Transitional landforms, paraglacial dynamics, chronological significance.



Malniu plateau



La Llosa Valley