

Field trip to Núria valley and Puigmal massif, Vall de Ribes-Ripollès

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Maximum: 60 participants

Time start-end: 8-19 h

Topics: glacial and periglacial geomorphology, deglaciation, rock glaciers, avalanches, mountain archaeology.



Puigcerdà - Ribes de Freser (1 h)- Núria route: with bus, tramway and cable car.

Field trip and stops (2 h ascent, 2 h return, plus stops):

- 1- **Vall de Núria mountain station (1970 m asl).** Presentation of the geographical and historical settings in the Eastern Pyrenees context.
- 2- **Pic de l'Àliga hostel lookout (2120 m asl).** Presentation of the geological and geomorphological settings. Discussion about different glacial landforms (valley and cirque glaciers).
- 3- **Forat de l'Embut gorge (2290 m asl).** Karstic, glacial and periglacial morphology.
- 4- **Coma Eugassers meteorological station (2324 m asl).** Snow avalanche prevention and instrumentation. Soil thermal regime. Ancient occupation of Pyrenean high mountain, archaeological evidence. Picnic lunch.
- 5- **Coma de l'Embut rock glacier (2586 m asl).** Rock glacier formation and chronology.



Glacial basin of Núria



Coma de l'Embut rock glacier