

AIGeo grant holders report

Name: Sebastián Vivero

Institution: Institute of Earth surface dynamics, University of Lausanne, Switzerland.

With great pleasure, I was invited to the VIII Italian Young Geomorphologists Days, between 26th and 28th June 2019. The meeting was catered for both Oral and Poster presentations in the *Universita Degli Studi Di Milano* and with a field trip in Veny Valley performed during the last day. During the first two days, several interesting presentations ranging from glacial and periglacial dynamics to coastal dynamics were delivered. I had the opportunity to share ideas and experiences from my poster presentation entitled “Monitoring the rapid evolution of a rock glacier during a crisis phase in the Valais Alps with UAV surveys” with others MSc and PhD students. At the end of the first day, we had a social activity “*Apericena*” which was a splendid opportunity to further get together and talk with our geomorphologist colleagues. During the second day, more presentations and preparation of our field trip excursion were delivered. In the afternoon, we departed from Milan to Courmayeur by bus to spend a night at the *Rifugio Monte Bianco*. Here, and in this wonderful landscape, we had a superb presentation from Susan Conway about periglacial geomorphology between Alps and Mars. Finally, during the last day, we went through the Veny Valley and its characteristic mountain landscape. Here, we appreciated an alpine periglacial environments and its different landforms such as moraines, landslide deposits and talus slopes. We also observed the dramatic fate of the glaciers in the area. Particularly, we visited the Miage Glacier (Figure 1), which is one of the largest debris-covered glaciers in the Mt Blanc massif. Insights from the past and present dynamical behaviour of the glaciers in the region were provided by Phillip Deline.



Figure 1. Left: Satellite image showing the lower part of Miage debris-covered glacier. Right: Typical Italian hand gesture, which is similar to the shape of Miage Glacier.