









Field aspects of the Adamello Pluton (Italy). (A) High-MgO basalt dike with chilled margins cutting Adamello tonalites. Photo: Othmar Müntener. (B) Subvertical layering of olivine gabbro (darker rocks) and plagioclase-rich hornblende gabbros (lighter rocks). Photo: Othmar Müntener. (C) Magma mingling: mafic magmas (dark grey) quenching into partially solidified tonalites (light grey). Photo: Jon Blundy. (D) Hornblende pegmatite from the Southern Adamello. Photo: Othmar Müntener (Figure 2 from a recent Elements volume: Müntener et al. 2021, Elements 17, 35-40. Superhydrous arc magmas in the Alpine context)



Folded metasediments crosscut by mafic dikes (“en echelon”) – Monte Frerone (Foto Peter Ulmer)

