
Seminario

Monitoring Heavy Rainfall in the Alps

Thursday, January 16 - 2025 – 4,30 P.M. Arduino Classroom

Speaker: **Dr. Francesco Marra**

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Heavy rainfall in the Alps is typically convective in nature, and is capable of triggering natural disasters such as floods and debris flows. These convective processes develop at space and timescales that conventional monitoring systems are not able to monitor. Consequently, atmospheric controls on these hazards are poorly understood, leading to uncertain warning and risk management. This seminar will show real life examples of the problems we face in monitoring these heavy rainstorms, and will discuss how climate change is enhancing their intensity and frequency, thus exacerbating the potential impacts.

<https://www.geoscienze.unipd.it/seminari-iniziativa-convegni>