



Politecnico
di Torino



PhD Course

Some basics of the analysis and mitigation of landslide risk

Monica Barbero, Marta Castelli, Maria Lia Napoli

14, 15, 16 and 20 May 2024

Schedule:

May 14, 2024

10:30-12:30 *M. Barbero*: Terminology and Definitions, Introduction to risk analysis at different scales

14:00-16:00 *M. Castelli*: Introduction to Landslide Hazard analysis

May 15, 2024

10:30-12:30 *M. Castelli*: Simplified methods for preliminary hazard analyses at a small scale

14:00-16:00 *M. Castelli*: Vulnerability and damage analysis

May 16, 2024

10:30-12:30 *M. Barbero*: Methods of risk analysis

14:00-16:00 *M. Barbero*: Risk management and mitigation, protection works, residual risk

May 20, 2024

10:30-12:30 *M.L. Napoli*: Aging of protection measures against rockfalls. Proneness to instability of rock slopes.

14:00-16:00 *M. Castelli*: Case studies

Venue

The course will take place in a **virtual classroom**. A link will be sent to participants. For info:

monica.barbero@polito.it

marta.castelli@polito.it

maria.napoli@polito.it