

Seminario di Geologia Applicata:

venerdì 14 marzo 2025 @14.00, via Webex

Advancing Landslide Prediction and Response through Machine Intelligence

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We live in an era of unprecedented opportunities, where ground motion and surface changes can be monitored globally from space with remarkable accuracy. This capability has the potential to provide a comprehensive understanding of surface processes, yet the vast amount and complexity of these data—combined with the nonlinear nature of slope instabilities—still pose significant challenges. This seminar will explore how AI can analyze, interpret, and transform this information into actionable insights at scale. Specifically, we will discuss how AI can enhance the prediction of slow-moving landslides and the rapid detection of failed slopes, potentially improving warning systems and disaster response efforts.

Il seminario, aperto a tutti i colleghi del DISAT, potrà essere seguito anche da remoto al link:

<https://unimib.webex.com/unimib/j.php?MTID=m0f4feee16f4b158f153e081f6bf2ac4d>

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