

PhD seminar announcement:

Monday 5 February 2024 @14.30, room U1-08

From landslide susceptibility to risk

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Conventional calculation of landslide risk requires knowledge of the frequency of events of a given magnitude. However, access to the frequency is often not possible, so normative or expert approaches are used to assess the risk. However, in well-documented cases, risk is assessed using power laws of magnitude, with volumes often used as the exceedance frequency. In near-perfect cases such as rockfalls, the risk can be calculated using simulations. However, this is not the case in most of the studies. If true hazard is not possible, the susceptibility concept is used. A popular one is the matrix approach, but such an approach requires certain rules that are not always respected. Some recommendations and perspectives are proposed for the use of these approaches.

The seminar is open to PhD students, Postdocs, and all the interested colleagues.

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