Announcement of a 3-year postdoc position in Geohazard Engineering

at the Geology Research Unit, Liege University

Start in Spring-Summer 2026

Required profile and general conditions:

The candidate should have obtained a PhD in Earth Sciences or Engineering Geology, with focus on applied geophysics-seismology, before July 2026 (and after 2016). The work includes extensive field work in the Central Alps and Tien Shan mountains and modelling that will be completed in the laboratory of the research group of Prof. H.B. Havenith (Liege University, Belgium). Start (earliest): June 1, 2026 (and before September 2026, as first surveys are planned during the summer period).
(Note, as the fellowship is "tax-free", the candidate should not have been working/living in Belgium for more than 24 months over the past 3 years).

Tasks and Duration:

Developing geophysical-seismological experiments in 3D mountain environments; creating 3D surface models from UAV imagery to be used as basis for 3D geological-geophysical models; completing dynamic elasto-plastic simulations for massive rock slope failure prediction.
Duration: 3-years position.

Study areas:

Slope and mass movement sites in European (mainly Alps, but possible application also in the SE Carpathians) and Central Asian (mainly Tien Shan) mountain ranges.

Context and collaborations:

Trilateral Belgian-German-Swiss (*WEAVE*: FNRS-DFG-SNSF) project *Modelling geohazard cascades* (2026-2029).
Main partners:
Prof. Soares Frazao, Sandra (UC Louvain, Belgium); Prof. Korup, Oliver (U Potsdam, Germany); Dr. Bergamo, Paolo (ETH Zurich, Switzerland).

Application:

Please, send (before May 15, 2026) all your application documents (CV with publication list, motivation and 2 recommendation letters, copy of PhD diploma or related document) to HB.Havenith@uliege.be