EGU27 GENERAL ASSEMBLY | CALL FOR ABSTRACTS

4–9 April 2027
Vienna, Austria & online

SESSION NH3.17 | NATURAL HAZARDS

Loess Systems:

Micro-to-Macro Dynamics, Geohazards, and Engineering Solutions

Submit your abstract

GENERAL ABSTRACT DEADLINE
12 January 2027
13:00 CET

TRAVEL SUPPORT DEADLINE
1 December 2026
13:00 CET

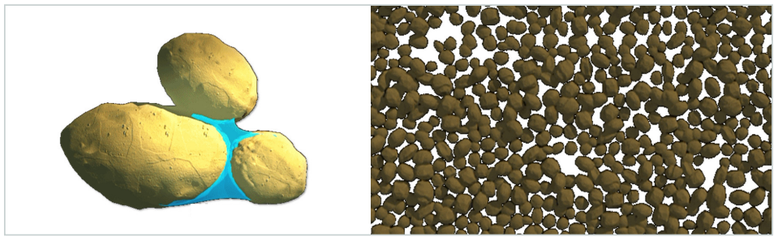
Scan to submit

meetingorganizer.copernicus.org/EGU27/session/62547

From grains to landscapes

EGU's first session devoted entirely to loess. We welcome field, laboratory and modelling studies.

Hosted by Natural Hazards, open to all loess research: geomorphology, soil science, sedimentology, hydrology and geotechnics.



Origins & fabric

Loess genesis, provenance, deposition and stratigraphy. Micro- and nanoscale fabric, grain contacts and pore networks.



Water & landforms

Gully development, erosion and land use. Hillslope hydrology, unsaturated soil behaviour and slope stability.



Hazards & engineering

Geohazard monitoring, modelling and early warning. Soil stabilisation, engineering solutions and risk mitigation.

Convening team

Early-career scientists are especially encouraged to submit.

Chang'an University
China

Yanyan Zhou Convener
Bo Yu Co-convener

Université Grenoble Alpes

Gioacchino Viggiani Co-convener
France

Loughborough University

Tom Dijkstra Co-convener
United Kingdom

Università degli Studi Firenze

Samuele Segoni Co-convener
University of Florence, Italy