



<https://meetingorganizer.copernicus.org/EGU21/session/40271>

Denudation, land cover dynamics and sedimentary source-to-sink fluxes under changing climate and anthropogenic impacts

EGU General Assembly 2021

vEGU21: Gather Online
19–30 April 2021

SCAN ME



CONTACT

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vPICO presentations | Thu, 29 Apr, 15:30–17:00 (CEST)

- 15:30–15:35: 5-minute convener introduction

- 15:35–15:45: EGU21-2320

Denudation, global change and the Anthropocene

Antonio Cendrero, Juan Remondo, and Luis Forte

- 15:45–15:47: EGU21-13921

A triumvirate of peat landslides: A transdisciplinary approach for a not-so-natural- hazard in Ireland

Mary Bourke, Rob Halpin, Catherine Farrell, Michael Long, and John Connolly

- 15:47–15:49: EGU21-13380

Characteristics, distribution and susceptibility of natural and human-induced landslides in a tropical mountainous region: the Rift flank west of Lake Kivu (DR Congo)

Jean-Claude Maki Mateso, Charles Bielders, Elise Monsieurs, Arthur Depicker, Benoît Smets, Théophile Tambala, Luc Bagalwa Mateso, and Olivier Dewitte

- 15:49–15:51: EGU21-10551

Does Vegetation Really Affect Earthquake-Induced Landslides? Preliminary Analysis of Worldwide Database

Rasis Putra Ritonga, Takashi Gomi, Roy C. Sidle, Kenta Koyanagi, Yohei Arata, and Rozaqqa Noviandi

- 15:51–15:53: EGU21-1564

Multi-staged development of landslide slope after extreme hydro-meteorological event in 1997 (Beskid Wyspowy Mts, Polish Flysch Carpathians)

Joanna Caputa, Zuzanna Babicka, and Elżbieta Gorczyca

- 15:53–15:55: EGU21-756

Inferring the effect of individual trees on slope stability in New Zealand's pastoral hill country

Raphael Spiekermann, Sam McColl, Ian Fuller, John Dymond, Lucy Burkitt, and Hugh Smith





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- 15:55–15:57: EGU21-12624
Dendrogeomorphic reconstruction of debris-flow activity in Mazeri Valley, Greater Caucasus, Georgia
Olimpiu Pop, Daniel Germain, Ionela-Georgiana Gavrilă, and Mariam Elizbarashvili
- 15:57–15:59: EGU21-11015
Road Construction and Rainfall as Landslide Triggers in the Rio Lucma Catchment, Eastern Cordillera Blanca, Peru
Lorena Abad, Daniel Hölbling, and Adam Emmer
- 15:59–16:01: EGU21-118
Does the trail matters? - In search of the environmental impact of hiking trails on the hillslope runoff.
Piotr Kopyś
- 16:01–16:03: EGU21-130
Fluvial sediment fluxes response to modern climate change and human activities in the Tibetan Plateau and its margins
Dongfeng Li, Xixi Lu, and Ting Zhang
- 16:03–16:05: EGU21-5397
Cascading processes of the Vaia storm in the Italian Rio Cordon mountain catchment
Giacomo Pellegrini, Riccardo Rainato, Lorenzo Martini, Luca Mao, and Lorenzo Picco
- 16:05–16:07: EGU21-1201
Disturbances in coarse bedload transport in a formerly glaciated catchment
Eliza Płaczowska, Kazimierz Krzemień, Elżbieta Gorczyca, Anna Bojarczuk, and Mirosław Żelazny
- 16:07–16:09: EGU21-10041
Spatial variation in sediment fluxes along the western slopes of the Peruvian Andes
Miluska Rosas Barturen, Veerle Vanacker, Clapuyt François, and Willem Viveen





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- 16:09–16:11: EGU21-729
Natural and anthropogenic drivers of denudation and sedimentary source-to-sink fluxes in the boreal mountain basin of lake Selbusjøen in central Norway
Achim A. Beylich and Katja Laute
- 16:11–16:13: EGU21-16058
Spatial distribution of denudation processes in Bhutan
Małgorzata Mazurek, Zbigniew Zwoliński, and Przemysław Niedzielski
- 16:13–16:15: EGU21-13140
Fire-induced catchment erosion on a depleted soil system from GeoWEPP and RUSLE models, Santa Olga, Chile
Violeta Tolorza, Dagoberto Poblete, Virginia I. González, Mauricio Zambrano-Bigiarini, Julián Cabezas, and Mauricio Galleguillos
- 16:15–16:17: EGU21-3312
Disentangling the effect of past and present agroforestry practices in modifying landscapes of Mediterranean mountains
Ivan Lizaga, Leticia Gaspar, Borja Latorre, and Ana Navas
- 16:17–16:19: EGU21-12149
Landslide dams acting as sediment traps: Example of the lake Hintersee, Berchtesgadener Land, south-eastern Germany
Thomas Hauthaler, Anne-Laure Argentin, Jörg Robl, Günther Prasicek, Daniel Hölbling, Stefan Hergarten, Lorena Abad, and Zahra Dabiri
- 16:19–16:21: EGU21-12236
Hydrosedimentary connectivity in a disturbed forested catchment: toward a temporally dynamic index of connectivity
Maxime Maltais, Timothée Jautzy, and Thomas Buffin-Bélangier
- 16:21–16:23: EGU21-2499
The effects of the storm Gloria in Catalonia: The value of quick-response geological inventories as a tool for risk management
Marta González, Maria Jesus Micheo, Jordi Pinyol, Maria Rosa Carles, Eulàlia Pi, Miquel Vila, and Antoni Roca
- 16:23–17:00: Meet the authors in their breakout text chats

