

Report

Report of the International Young Geomorphology Meeting 2026, Wanderclub "Edelweiss" Dudenhofen, Rodgau, Germany

Following the success of last year's meeting at Ökodorf Losheim, the German Young Geomorphology board organized the 2026 International Young Geomorphology Meeting at the Wanderclub "Edelweiss" Dudenhofen in Rodgau, Hessen (Germany). The event took place from the 25th to the 28th of June 2026, including an excursion on the 26th focusing on the fluvial evolution of the Main River. With participants working in Germany, Austria, Switzerland, Italy, and France from a total of 18 different institutions, ranging from Bachelor students to postdoctoral researchers, this meeting welcomed a diverse group of 38 early-career professionals and students.

The meeting's program was thoughtfully designed to encompass diverse academic topics and activities, ensuring a rewarding experience for all attendees. It featured four sessions of oral presentations with short discussions, an afternoon poster session, an inspiring keynote talk on the geomorphology of the Anthropocene, and a panel discussion on career paths beyond academia.

Proceedings

Most of the participants arrived on Thursday evening, with a shuttle service organized to bring everyone together at the Wanderclub "Edelweiss," a cosy venue beautifully located in the forest near Rodgau. Dinner was followed by a relaxed get-together, giving everyone a great first opportunity to break the ice before the days ahead.

Friday started early with breakfast, before the group set off under the scorching heat of almost 40°C for the day's excursion, guided by Bastian and Niklas, focused on the Plio-Pleistocene fluvial evolution of the Main River. Participants were able to examine sediment exposures in a clay pit, where fluvial and Quaternary deposits of the Main were laid open for discussion, before the programme continued with a guided tour at the nearby brick factory Hörl+Hartmann in Hainburg. Where the group learned about brick production and the sustainability efforts behind it. Halfway through the day, everyone welcomed the chance to cool down with some ice cream, before continuing with a sediment profile in a gravel pit and a short final discussion of sand dunes in the area.

Back at the venue, the evening opened with a Welcome Speech by Basti, Kathi and Isabel, who shared a word from our sponsors DGGM and DEUQUA, announced that the 20th anniversary meeting will be held near Darmstadt in 2027, and made a few further announcements. After dinner, the evening continued with a panel discussion, moderated by Jannik and Lars, featuring Dr. Julian Trappe and Dr. Renee van Dongen-Köster. Both speakers talked about their career paths outside of academia – Julian, who now works at an engineering office, and Renee, who is employed at the Bundesanstalt für Gewässerkunde (Federal Institute of Hydrology) in Koblenz – sharing valuable insights and recommendations drawn from their own experiences beyond the university.

Saturday began with a keynote lecture by Prof. Dr. Georg Stauch on the "Geomorphology of the Anthropocene," convened by Philipp. The talk centered on the growing role of humans in shaping geomorphological processes and landscapes, prompting reflection within the group on how geomorphologists should engage and respond to this human-dominated era.

Following a coffee break and the traditional group photo, the day continued with Session I, "The day after (and before) tomorrow" (convened by Basti and Lisa), covering geomorphic multi-hazard processes and systemic risk, the evolution of a crevasse splay in the Po River Delta, Holocene vegetation dynamics at ancient Bubastis in Egypt, and a T&E talk on the methodological limits of road-erosion analysis.

After lunch, Session II, “The Cryosphere strikes back” (convened by Kathi and Charlotte), turned to alpine permafrost and rock glacier dynamics, 3D rock glacier front velocities, glacial morphometric signatures in the European Alps, and the hydrological contribution of permafrost ground ice melt in a Tibetan catchment.

Following a further coffee break, Session III, “The Fast and the Fluvial” (convened by Philipp and Niklas), presented work on medieval land-use reconstruction in the Echaz floodplain and on the link between soil erosion and fluvial sediment transport.

The afternoon closed with the poster session “Fantastic Posters and where to find them” (convened by Jannik), showcasing ten posters and prompting lively discussions among participants.

After dinner, participants interested in getting more involved had the chance to meet the YG board, before the evening concluded with a very lively pub quiz hosted by Niklas, Kathi and Basti.

On the final day, the group gathered for Session IV, “The Good, the Bad and the Uncertain” (convened by Isabel and Lars), featuring talks on Bayesian age-depth modelling in fluvial environments, a T&E talk on geophysical methods for palaeoclimatic interpretation, and the geophysical properties of loess and soil samples for climate reconstruction. The meeting concluded with a final coffee break and a shared goodbye before the participants started to leave either by car or from the local train station.



Feedback

We received overwhelmingly positive feedback regarding this year’s meeting, especially praising the program structure and the cosy location of this year’s accommodation in Rodgau. The panel discussion, the pub quiz, and the excursion were highly appreciated, as they facilitated rapid and meaningful social interactions among participants despite the challenging heat. Overall, the International Young Geomorphology Meeting at the Wanderclub “Edelweiss” proved to be an inspiring and socially enriching experience. We hope we were able to offer lasting memories, strengthened connections, and renewed enthusiasm for Geomorphology.

With best regards from the old and the new board of the German Young Geomorphology,
Anna-Lena, Bastian, Charlotte, Emil, Felix, Isabel, Jakob, Jannik, Julian, Katharina, Lars, Lisa, Madeleine, Maximilian, Nico, Niklas, Philipp, Salome

Supported by:

Deutsche Gesellschaft für Geomorphologie e.V.



Program

Thursday 25th

Arrival + Shuttle service

7:30 PM: Dinner

Evening: Get together, Games

Friday 26th

8:00 AM: Breakfast

9:00 AM–3:00 PM: Bastian Grimm & Niklas Pauly

Guided excursion in the surrounding: Plio-Pleistocene fluvial evolution of the Main

Lunch: individual choice at supermarket

5:00 PM: Arrival + Shuttle service

6:30 PM: Welcome Speech (Convener: Basti, Kathi, Isabel)

- A word from our sponsors DGGM & DEUQUA
- 20th YGM Meeting in 2027
- Other Announcements

7:00 PM: Dinner

8:00 PM: Panel discussion with *Dr. Julian Trappe* & *Dr. Renee van Dongen-Köster*
(convener: Jannik, Lars)

Saturday 27th

8 AM: Breakfast

10:00 AM: Keynote Lecture by *Prof. Dr. Georg Stauch* (Convener: Philipp)

"Geomorphology of the Anthropocen

11:00–11:30 AM: Coffee break + Group Photo

11:30–12:30 AM: Session I: The day after (and before) tomorrow (Convener: Basti, Lisa)

Till Wenzel: Geomorphic multi-hazard processes - interrelating hazards and systemic risk

Anmol Raj Mandal: Geomorphological Evolution of a Crevasse Splay in the Po River Delta: Implications for Nature-Based Deltaic Wetland Restoration

Renee Van Dongen-Köster: Discrepancy in the soil erosion and fluvial sediment transport link – where is the missing sink?

Felix Bäckmann (T&E Talk): Modelled but Not Yet Validated: Methodological Limits of My Road-Erosion Analysis

12:30 PM: Lunch

2:00–3:00 PM: Session II: The Cryosphere strikes back (Convener: Kathi, Charlotte)

Lisa Rehn: Past and present of alpine permafrost: tracking rock glacier dynamics across seven decades

Simon Ebert: Towards 3D rock glacier front velocities: First insights from near-continuous monitoring at Ritigraben, Valais

Isabel Wapenhans: Correlating contributors to glacial morphometric signatures in the DEM topography of the European Alps' crystalline massifs

Jannik Schönfeld: Assessing the hydrological contribution of permafrost ground ice melt in a non-instrumented Tibetan catchment

3:00–3:30 PM: Coffee break

3:30–4:00 PM: Session III: The Fast and the Fluvial (Convener: Philipp, Niklas)

Snjezana Pejdanovic: First steps towards the reconstruction of land use in the medieval Fluvial Anthroposphere of the Echaz floodplain (Southwest Germany)

Philipp Garbe: Tracing Holocene Vegetation Dynamics and Agricultural Development at Ancient Bubastis (Egypt): A Phytolith Record

4:00 PM: Poster Session: Fantastic Posters and where to find them (Convener: Jannik)

6:30 PM: Dinner

7:30 PM: Meet the YG-Board

8:00 PM: Pubquiz (with Niklas, Kathi & Basti)

Sunday 28th

8:00 AM: Breakfast

9:30–10:30 AM: Session IV: *The Good, the Bad and the Uncertain* (Convener: Isabel, Lars)

Bastian Grimm: Timing is everything – except when it isn't: Bayesian age-depth modelling and the limits of sedimentation rate reconstruction in fluvial environments

Hovhannes Amirdschanjan (T&E Talk): Geophysical methods for palaeoclimatic interpretation

Mathias Vinnepand: Geophysical properties of loess and soil samples for climate reconstructions: chances and challenges

10:30 AM: Closing Speech

10:30–11:00 AM: Coffee Break

11:00 AM: *Goodbye* – Shuttle service + Departure

Poster Contributions:

<i>Lars Engelmann</i>	Revalidating and transferring models derived from infrared spectroscopy
<i>Julia Feth & Linda Emily Weis</i>	Outsize fans and outsize fan formation/evolution
<i>Anna-Lena Geis</i>	Assessing the variability of luminescence signal characteristics from recent high-energy flood deposits
<i>Katharina Hess</i>	Coastal storm archives in north-west Europe
<i>Madeleine Hill</i>	Soil development of Andosols in Argentina
<i>Anna Mirjam Horsch</i>	Topographic variability and it's impact on microclimate in the northern Ecuadorian Andes
<i>Julian Krieger</i>	Landscape Evolution of Vanishing Fans in the Upper Rio Loa Valley, Chile
<i>Maureen McCurdy</i>	How much floodplain sediment could a freely migrating Elbe River remobilize?
<i>Janina Merz & Niklas Pauly</i>	Hidden light in the valleys: Luminescence characteristics of two Wiesent River tributaries – Lights along the Leinleiter & Testing the twinkle of the Truppach
<i>Nico Rogalski</i>	One terrace, many ages? Rethinking Pleistocene river terrace formation between synchronism and diachronism – The Regnitz catchment (Upper Franconia, Germany) as a test case

No	Name	First name	Affiliation
1	Amirdschanjan	Hovhannes	University of Bonn
2	Bäckmann	Felix	Julius-Maximilians-Universität Würzburg
3	Billouch	Bilal	Goethe-Universität Frankfurt am Main
4	Cramer	Manon	University of Bonn
5	Ebert	Simon	Engineering Geology, ETH Zürich
6	Ehrensperger	Hanna	Universität Heidelberg
7	Engelmann	Charlotte	University of Freiburg
8	Engelmann	Lars	Universität Trier
9	Feth	Julia	Bonn University
10	Garbe	Philipp	Christian-Albrechts-Universität Kiel
11	Geis	Anna-Lena	Justus-Liebig-Universität Gießen
12	Grimm	Bastian	Justus-Liebig-Universität Gießen
13	Hafiz	Mira	Freie Universität Berlin
14	Heß	Katharina	Ruprecht-Karls-Universität Heidelberg
15	Hill	Madeleine	University of Trier
16	Horsch	Anna Mirjam	Georg-August-Universität Göttingen
17	Krieger	Julian	RWTH Aachen Geography and Geoecology
18	Mandal	Anmol Raj	University of Padova
19	McCurdy	Maureen	Freie Universität Berlin
20	Merz	Janina	Justus-Liebig-Universität Gießen
21	Nosty	Kim Alicia	TU München
22	Nußberger	Nel	Universität Heidelberg
23	Pauly	Niklas	Justus-Liebig-Universität Gießen
24	Pejdanovic	Snjezana	Universität Tübingen
25	Rehn	Lisa	Albert-Ludwigs Universität Freiburg
26	Rogalski	Nico	Justus-Liebig-Universität Gießen
27	Saur	Tarik	Heidelberg University
28	Schaller	Maximilian	Justus-Liebig-Universität Gießen
29	Schönfeld	Jannik	Aix-Marseille University
30	Seifert	Leonie	University of Freiburg
31	Stöhr	Emil	Julius-Maximilians-Universität Würzburg
32	Streib	Xenia	Heidelberg University
33	Tinapp	Jakob	Universität Würzburg
34	Vinnepand	Mathias	Universität Freiburg
35	Wapenhans	Isabel	Universität Potsdam
36	Weis	Linda Emily	Bonn University
37	Wenzel	Till	University Vienna
38	Wingenfeld	Lea	Universität Heidelberg

Invited speakers:

39	Stauch	Georg	Julius-Maximilians-Universität Würzburg
40	Van Dongen-Köster	Renee	Bundesanstalt für Gewässerkunde
41	Trappe	Julian	