



Report of the 7th annual meeting of the German Young Geomorphologists group

The 7th annual meeting of the German Young Geomorphologists group (YG) was held in Fleckl (Warmensteinach, Fichtel Mountains, Bavaria) from October 4th to 6th 2013. This year, 24 Undergrads, PhD Students, and PostDocs from 13 different Institutions/Universities gathered for three days to discuss their own research, as well as topics of geomorphic interest in general, in a rather informal environment.

This year's program included eight work in progress reports from Undergrad- and PhD students organized under three topics:

- I) Archaeology and Geomorphology, featuring talks by Johanna Seidel (FU Berlin), and Julia Meister (FU Berlin).
- II) Geomorphodynamics in alpine areas, featuring talks by Robert Delleske (Uni Salzburg), Florian Pipaud (RWTH Aachen), and Martin Weber (LFU Innsbruck).
- III) Sedimentology and Soil Erosion, featuring talks by Christa Loibl (RWTH Aachen), Magdalena Runge (FU Berlin), and Anna Herkelrath (Uni Leipzig).

These presentations were supplemented by three keynote talks on:

- A) Geoarchaeology – a gateway between Geomorphology and Archaeology? (Dr. Christian Tinapp),
- B) 21st century challenges for studying Geohazards in mountainous terrain (Jan Blöthe, Uni Potsdam), and
- C) Luminescence dating and Geomorphology: pros - cons and state of the art (Prof. Dr. Markus Fuchs, Uni Gießen).

The keynote talks were followed by intense debates, in which the participants had the opportunity to discuss pros and cons with the presenters.

In addition to the presentations and discussions indoor, a hands-on workshop on the use of terrestrial laser scanning (TLS) in geomorphology was held by David Morche, Henning Baewert (both MLU Halle), and Jan Blöthe (Uni Potsdam). Here, participants could familiarize with the methodology and equipment of this approach, and discuss geomorphological applications.

An afternoon field trip was organized on Saturday, during which geomorphological aspects of the Fichtel Mountains, their land-use and mining history were introduced by Mathias Will (Uni Exeter).

Suggestions for future meetings and developments of the YG and the AK Geomorphologie

Following a meeting with the British YG group at IAG in Paris, the German YG are planning to put forward ideas and concepts for a future partnership with the British, as well as the Italian group. During this meeting it was suggested to offer the main information on the YG Homepage in English language, in order to allow foreign groups to follow our activities. This idea found wide support during the meeting and will be implemented as soon as possible.

Further, the YG seek to broaden their range of participants towards Geomorphologists based in Geologic departments in Germany. So far the integration of these working groups is limited.

General Points

Sabine Kraushaar (UFZ Halle) and Jan Blöthe (Uni Potsdam) have been elected as speakers of the YG. They will be supported in the organisation and discussion of emerging tasks by Michael Dietze (GFZ Potsdam), Eva Leitholdt (Uni Leipzig), Julia Meister (FU Berlin), David Morche (MLU Halle), Veit Nottebaum (RWTH Aachen), Steffen Pötsch (EMAU Greifswald), and Martin Weber (LFU Innsbruck).

The next meeting of the YG will be organized by Steffen Pötsch and fellow students from the EMAU Greifswald. Due to logistic reasons, the participants expressed their wish to schedule the next annual meeting independently from the annual meeting of the AK Geomorphology. The preliminary date for the 2014 meeting will be 23rd to 25th of May.

The YG group expresses their thanks to the AK Geomorphologie for financial support of the annual meeting. We also thank Thomas Kolb (Uni Bayreuth) and Mathias Will (Uni Exeter) for organising the venue and the field trip through the Fichtel Mountains around the Ochsenkopf.

Best regards

Sabine Kraushaar, Jan Blöthe, Thomas Kolb, Mathias Will

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Scientific Program

Friday 04.10.12

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| 16:00 | Welcome notes and Instructions |
| 17:00 | Keynote A - Christian Tinapp: Geoarchaeology – a gateway between Geomorphology and Archaeology? |
| 18:00 | Dinner |
| 19:30 | Open discussion with Christian Tinapp |
| 21:00 | Evening program |

Saturday 05.10.12

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| 08:00 | Breakfast |
| 09:00 | Session I - Archaeology and Geomorphology
Johanna Seidel (Berlin): Historical Eco-Audit of Glassworks - a Case Study of the Eastern Ore Mountains in Central Europe
Julia Meister (Berlin): Landscape Archaeology in Northeastern Jordan - Investigation of Socio-Environmental Systems in the Late Prehistory |
| 10:00 | Coffee Break |

10:30	Workshop - Terrestrial Laser Scanning (Jan Blöthe, David Morche, Henning Baewert)
12:00	Lunch
14:00	Field trip
19:00	Dinner
20:30	Organisation and Discussion

Sunday 06.10.12

08:00	Breakfast
09:00	Keynote B – Jan Blöthe (Potsdam): 21st century challenges for studying Geohazards in mountainous terrain
10:00	Break
10:30	Session II – Geomorphodynamics in alpine areas Robert Delleske (Salzburg): Die räumliche und zeitliche Variabilität von gravitativen Massenbewegungen am Kitzsteinhorn. Florian Pipaud (Aachen): Potentiale und Probleme einer DGM-Generierung durch satellitengestützte SAR-Interferometrie im Hochgebirge. Martin Weber (Innsbruck): Fluvialer Sedimenttransfer im Proglazial, Kaunertal.
12:00	Lunch
13:00	Session III – Sedimentologie und Bodenerosion Christa Loibl (Aachen): Sedimentologische Untersuchungen in Doroshivtsi. Magdalena Runge (Berlin): Erosionsprobleme in Kenia. Anna Herkelrath (Leipzig): Umweltmonitoring im LSG Leipziger Auwald.
14:30	Keynote C – Markus Fuchs (Gießen): Lumineszenzdatierung und Geomorphologie: pros - cons and state of the art.
15:30	Concluding discussion
16:00	Departure to Eichstätt

List of Participants

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