

Report of the 8th annual meeting of the
German Young Geomorphologists group

“International Young Geomorphologist Workshop”

in Usedom, Baltic Sea

May 23rd – 25th 2014

The 8th annual meeting of the German Young Geomorphologists group was held from the 23rd until the 25th of May 2014 on the island of Usedom in the Baltic Sea. 41 undergrads, PhD Students, and PostDocs from 14 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 (see attached program for details):

- I) Methods and Concepts in Geomorphology, featuring talks by Benjamin Blaß (Greifswald) and Anne Voigtländer (München),
- II) Landscape development, featuring talks by Jacob Hardt (FU Berlin), Susanne Döhler (Vechta), Christoph Kappler (Potsdam), and Torsten Klein (Berlin).
- III) Sediment Flux, featuring Bastian Reinwarth (Jena),

These presentations were supplemented by three keynote talks on:

- A) “The Cosmogenic Nuclide Clock of Earth Surface Processes” by Prof. Friedhelm von Blanckenburg (GFZ Potsdam),
- B) “Mecklenburg-Vorpommern: Glacial landscapes and a lot more below” by Prof. Henrik Rother (Uni Greifswald),
- C) “Successful proposal writing” by Prof. Brigitta Schütt (FU Berlin)

In addition to the presentations and discussions, a half-day excursion to the coastline of Usedom was organized for Saturday, presented by Prof. Henrik Rother (Uni Greifswald) and his team. The focus of the excursion included the Quarternary coastal sediments of Usedom, landscape evolution and oil mining on the island.

Furthermore, a poster session with 3 min. introductory talks from all presenters was held on Saturday evening, followed by discussions in front of the posters.

Feedback and Suggestions for future meetings and developments of the Young Geomorphologists and the AK Geomorphologie

The ongoing internationalisation of the Young Geomorphologists, the events that were organized in the past months (EGU social night, Windsor participation, etc.), as well as this year's 8th annual meeting were evaluated very positive. The facilities and the time of the year chosen for the meeting was highly valued by the participants. Also, the employment of two students from University of Greifswald for organizing and preparing the catering, has been proven to be very good. The group should not exceed the number of participants (41) as otherwise the timeframe of 2 days meetings does not suit the scientific input. The timeframe of each presentation needs to be re-thought, some people prefer less time than 20 minutes (for talk and discussion). To have the meeting in English and open to international guest was highly appreciated by everyone!

General Points

The Young Geomorphologists are chaired by Jan Blöthe (Uni Potsdam) and Sabine Kraushaar (UFZ Halle) since October 2013. They are supported 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) in the upcoming tasks.

The next meeting is scheduled for May 2015 and will probably be organized by a group from the Aachen, Bonn, Köln region. The participants of the meeting concordantly expressed their wish to keep the Young Geomorphologists meeting apart from the annual AK Geomorphology conference. Participants prefer a half-year period between the two meetings due to logistical reasons.

The YG group expresses their thanks to the AK Geomorphologie for financial support of the annual meeting. We also thank Steffen Pötsch (Uni Greifswald) and Julia Meister (FU Berlin) for organising the venue and handling participant communication. Finally, we are grateful for the excellent presentations of the keynote speakers and the AK Geomorphology and the companies (see attached) for their financial support of the event.

Best regards

Jan Blöthe and Sabine Kraushaar

WORKSHOP PROGRAM

Friday, 23/05/2014

- 17:00 **Welcome**
- 17:30 **Get to know the group**
- Let's learn some names and share a drink
- 18:00 **Food for you from the BBQ**
- 19:30 **Food for your thoughts – Keynote lecture and discussion**
- “The Cosmogenic Nuclide Clock of Earth Surface Processes”
 by Prof. Friedhelm von Blanckenburg (GFZ Potsdam)
- 21:00 **Informal discussion and cool drinks**

Saturday, 24/05/2014

- 08:00 **Breakfast**
- 08:30 **Wakeup talk – Keynote lecture and field trip**
- “Mecklenburg-Vorpommern: Glacial landscapes and a lot more below”
 by Prof. Henrik Rother (Uni Greifswald)
- 09:30 **Wakeup walk – Field Trip with lunch packs**
- 14:00 **Break**
- 14:30 **Talk block one – Convener: Micha Dietze**
- You have 20 minutes for your topic, so make your talk short and to the point and
 have plenty of time for discussion!
- 14:30 Michael Kenzler (Greifswald): OSL dating of (glacial-) fluvial /
 lacustrine MIS 3 sediments from the German Baltic Sea coast
- 14:50 Jacob Hardt (Berlin): The Frankfurt ice marginal position in the
 Barnim area - reinterpretation of the genesis of a glacial landscape
 on basis of the interpretation of a high resolution LiDAR-DEM
- 15:10 **Break**
- 16:00 **Talk block two – Convener: Jan Blöthe**

You have 20 minutes for your topic, so make your talk short and to the point and have plenty of time for discussion!

- 16:00 Benjamin Blaß (Greifswald): Cryptostratigraphy - the fanciness of OSL dating
- 16:20 Bastian Reinwarth (Jena): Assessing contemporary sediment yield in the Kruger National Park, South Africa: study design and preliminary results
- 16:40 Anne Voigtländer (München): Environmental stresses (Discussion)
- 17:00 **Leisure time and dinner**
- 19:30 **Late night shorts ("3+1") and posters – Convener: Sabine Kraushaar**

You have THREE minutes to present your topic on three slides (maximum) and you'll be allowed ONE question from the audience. After the "3 plus 1" session we'll continue discussing the posters with some cool drinks.

- 19:30 Veit Nottebaum (Aachen): Aeolian transport pathways in loess along the transition of Tibetan highlands to northwestern Chinese deserts
- 19:35 Torsten Klein & Sarah Ißelhorst (Berlin): Estuarine Dynamics and Landscape Changes in the Hinterland of the Phoenician Settlement in the modern town of Ayamonte (Province of Huelva/ Andalusia)
- 19:40 Jordan Miller (Grahamstown): Identification of Sediment Sources Using Sediment Fingerprinting Methods in Catchments in the Kruger National Park
- 19:45 Matthias Faust, Karolin Dubberke & Anne Schuchardt (Halle): Untersuchungen zur proglazialen Gerinnemorphologie und Ansätze zur Bilanzierung des Sedimenthaushalts am Gepatschferner in Tirol
- 19:55 Michael Thelemann (Berlin): Bog Iron Ore as a Resource for Prehistoric Iron Production in Central Europe – A Case Study of the Widawa Catchment Area in Eastern Silesia, Poland
- 20:00 Swenja Rosenwinkel (Potsdam): Climate versus earthquake induced rockglacier advance in Northern Tien Shan
- 20:05 Martin Schumacher (Berlin): Human impact on Mid-Holocene vegetation and landscape development in the Carpathian region
- 20:10 Shannon Hibbard (Columbus): Controls on gravel composition in a proglacial environment, Kaunertal, Austria
- 21:00 **Pop-up topics**

Time to bring up topics you always wanted to talk about with other young scientists

Sunday, 25/05/2014

08:00 **Breakfast**

08:40 **Talk block three – Convener: Veit Nottebaum**

You have 20 minutes for your topic, so make your talk short and to the point and have plenty of time for discussion!

08:40 Torsten Klein (Berlin): Geoarchaeological Research in the Vicinity of the Phoenician Settlement and Necropolis of Ayamonte (Andalusia)

09:00 Susanne Döhler (Vechta): Quaternary sediments and soils as indicators of landscape formation and their significance for current geomorphodynamic processes

09:20 Christoph Kappler (Potsdam): Geoarchives in the upper Ucker catchment (Uckermark): reconstructing the development of relief, soils and land use since the late holocene and assessment of buried soil organic carbon inventories.

09:40 **Break**

10:00 **Enhancing your career - Workshop**

“Successful proposal writing” by Prof. Brigitta Schütt (FU Berlin)

12:30 **Lunch**

13:30 **Give us what we deserve!**

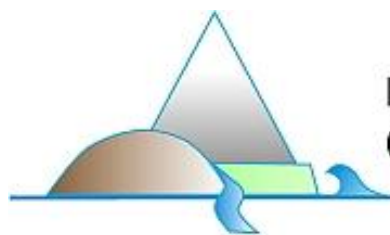
We need your opinion! What did you like and what didn't you like?

14:30 **Goodbye and some final remarks**

List of Participants:

	Name	Surname	Institution	E-mail
1	Norbert	Anselm	FU Berlin	norbert.anselm@fu-berlin.de
2	Henning	Baewert	Uni Halle	henning.baewert@geo.uni-halle.de
3	Fabian	Becker	FU Berlin	fabian.becker@fu-berlin.de
4	Silja	Bermich	Uni Greifswald	siljabermich@web.de
5	Benjamin	Blaß	Uni Greifswald	benjamin-blass@web.de
6	Jan	Blöthe	Uni Potsdam	jan.bloethe@geo.uni-potsdam.de
7	Michael	Dietze	GFZ Potsdam	mdietze@gfz-potsdam.de
8	Elisabeth	Dietze	GFZ Potsdam	edietze@gfz-potsdam.de
9	Susanne	Döhler	Uni Vechta	susanne.doehler@uni-vechta.de
10	Karolin	Dubberke	Uni Halle	karolin.dubberke@student.uni-halle.de
11	Katja	Ebermann	FU Berlin	katja.ebermann@fu-berlin.de
12	Matthias	Faust	Uni Halle	matthias.faust@student.uni-halle.de
13	Margret	Fuchs	AWI Potsdam	margret.fuchs@awi.de
14	Hanna	Haedke	GFZ Potsdam	haedke@gfz-potsdam.de
15	Jacob	Hardt	FU Berlin	jacob.hardt@fu-berlin.de
16	Nico	Herrmann	Uni Hildesheim	nico.herrmann@uni-hildesheim.de
17	Shannon	Hibbard	Ohio State University	hibbard.20@buckeyemail.osu.edu
18	Sarah	Ißelhorst	FU Berlin	sarah.isselhorst@fu-berlin.de
19	Christoph	Kappler	GFZ Potsdam	kappler@gfz-potsdam.de
20	Michael	Kenzler	Uni Greifswald	kenzlerm@uni-greifswald.de
21	Torsten	Klein	FU Berlin	torsten.klein@fu-berlin.de
22	Sabine	Kraushaar	UFZ Halle, Uni Halle	sabine.kraushaar@ufz.de
23	Julia	Meister	FU Berlin	j.meister@fu-berlin.de
24	Jordan	Miller	Rhodes University	g10m1183@campus.ru.ac.za
25	David	Morche	Uni Halle	david.morche@geo.uni-halle.de
26	Zechariah	Nimon	Ohio State University	znimon@gmail.com
27	Veit	Nottebaum	RWTH Aachen	v.nottebaum@geo.rwth-aachen.de
28	Moritz	Nykamp	FU Berlin	m.nykamp@fu-berlin.de
29	Steffen	Pötsch	Uni Greifswald	poetschs@uni-greifswald.de
30	Bastian	Reinwarth	FSU Jena	bastian.reinwarth@uni-jena.de
31	Swenja	Rosenwinkel	Uni Potsdam	rosenwinkel@geo.uni-potsdam.de
32	Magdalena	Runge	FU Berlin	magdalena-runge@gmx.de
33	Anne	Schuchardt	Uni Halle	anne.schuchardt@student.uni-halle.de
34	Philipp	Schulte	RWTH Aachen	philipp.schulte@geo.rwth-aachen.de
35	Martin	Schumacher	FU Berlin	martin.schumacher@fu-berlin.de
36	Johanna	Seidel	FU Berlin	johanna.seidel@fu-berlin.de
37	Bastian	Stößel	FU Berlin	bastian.stoessel@fu-berlin.de
38	Michael	Thelemann	FU Berlin	michael.thelemann@fu-berlin.de
39	Steffi	Tofelde	Uni Potsdam	tofelde@uni-potsdam.de
40	Anne	Voigtländer	TU München	a.voigtlaender@tum.de
41	Babette	Wegener	Uni Greifswald	BabetteWegener@gmx.de

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