

Polish – German workshops for early career scientists

(„Advances in Marine and Quaternary Geosciences”)

Duration: 5 days (26-30, September 2018)

Fundings:

“Fundusz Małych Projektów Interreg V A Komunikacja – Integracja – Współpraca”

“Fonds für kleine Projekte Interreg V A Kommunikation – Integration – Zusammenarbeit”

Participants:

MSc- and PhD-students, early career scientists from University of Szczecin and University of Greifswald (max. number of participants 28)

Day 1 – 26.09.2018

Place: Natural Sciences Education and Research Centre of University of Szczecin. Room 30A

10:00 – 10:15 Opening, welcome and household information

Keynote speakers:

10:15 – 11:00 Prof. Dr. Martin Meschede (University of Greifswald)

“Plate tectonics and global climate change - Influence of long ranging plate movements on the world climate system”

11:00 – 11:45 Teresa Radziejewska, PhD, prof. US (University of Szczecin)

“How are we advancing our knowledge on deep-sea systems”

11:45 – 12:30 Prof. Dr. Jan Harff (University of Szczecin)

“Coastal processes from global to local”

12:30 – 13:00 Coffee break

13:00 – 13:45 Prof. Dr. Hans von Storch (Coastal Research at the Helmholtz Research Centre)

“topic”

Session 1 (will be changed according to the Keynote speakers time)

13:00 – 13:20 Jakub Witkowski, PhD (University of Szczecin)

““Early Paleogene silica burial in the Atlantic Ocean - recent advances and outstanding questions””

13:20 – 13:40 Dominik Zawadzki, PhD (University of Szczecin)

“Investigation of the Cocos-Nazca Spreading Center. “The Transition from Rifting to Seafloor Spreading at the Western Tip of the Cocos-Nazca Rift”

13:40 – 14:00 Kamila Mianowicz, PhD (University of Szczecin)

“Development of tools and implementation mechanism in deep-sea mining - the international perspective”

14:00 – 14:20 Dr. Michael Kenzler (University of Greifswald)

“Luminescence dating of Late Pleistocene sediments around the southwestern Baltic Sea ”

~~14:20 – 14:40 ????~~

~~*“Topic”*~~

~~14:40 – 15:00 ????~~

~~*“Topic”*~~

15:00 – 16:00 Lunch in the Centre (Catering will be provided)

Session 2

16:00 – 16:20 Karsten Obst (University of Greifswald)

“Cliff collapses and coastal changes in Northeast Germany”

16:20 – 16:40 Łukasz Maciąg (University of Szczecin)

“topic”

16:40 – 17:00 Jakub Miluch (University of Szczecin)

“Geometric modeling of 'Hainan paleo-delta' SW of Hainan Island resolved by seismic stratigraphy”

17:00 – 17:20 Jinpeng Zhang (University of Szczecin)

“Fossil diatom record from the northwestern of South China Sea: Implication for paleoenvironment in Late Quaternary”

17:20 – 17:40 Karina Astriandhita (Padjadjaran University Indonesia)

“MIRAGE Research Cruise report”

17:40 – 18:00 Mohamen Awad (Alexandria University, Egypt)

“Egyptian seas environmental studies”

Visiting Geological Museum of University of Szczecin

19:00 Dinner in the Centre (Catering will be provided)

Accommodation in Szczecin. Campanile hotel for German partners.

Day 2 – 27.09.2018

Field trip: Lower Odra Valley Landscape Park (by bus) guided by Karolina Bloom, PhD
Lower Oder Valley as a place for geology, wildlife and cultural heritage

7:00 Breakfast for German participants in Campanile

Lunch break in the field (lunch box)

- 08.00 Szczecin – start of the excursion
28 km (45 min)
- 08.45 Mescherin – view Tower + view point (60 min)
45 km (60 min)
- 11.00 Ciewen National Park Unteres Odertal visiting educational centre (Nationalparkhaus Ciewen) + lecture by Dirk Treichel Director of UONP (90 min) TO CONFIRM
38 km (50 min)
- 13.30 Moryń – Morzycko Lake + Pleistocene Stars Alley (60 min)
18 km (25 min)
- 15.00 Cedynia – Cedyńskie Wrzosowiska Reserve (Heathland Reserve) (60 min)
20 km (25-30 min)
- 17.00 Zatoń Dolna - short visit in “Love Valley Park” (Das Tal der Liebe) (60 min)
- 18.00 - 20.30 Barbecue on meadow in Love Valley (Das Tal der Liebe) (180 min)
- 20.30 Return to Szczecin
65 km (70 min)

Accommodation in Szczecin. Hotel for German partners.

Day 3 – 28.09.2018

Field trip: Wolin Island.

- 7:00 Breakfast for German participants in Campanile
- Lunch break in the field (lunch box)
- 08.00 Szczecin – start of the excursion
- 09:30 Visit in Czarnogłowy village (Zarnglaff). Geological and historical background of the old flooded quarry of Jurassic limestone. Fossil collecting (Geological hammers are needed). Speaker: Dominik Zawadzki, PhD.
- Visit in viewpoint “Grodzisko”.
- View for Świna storm Delta (Delta Wsteczna Świny). Geological and geomorphological aspects of Wolin Island. Speaker: Andrzej Osadczyk, PhD. Coffee break
- Visit at Turkusowe Lake (Emerald Lake)
Geological and historical background. Speaker: Dominik Zawadzki, PhD.

- 15:00 – 16:00 Boat trip for Świna storm Delta. Ornithological observations (binoculars will be provided).
Transfer to Międzyzdroje. Dinner and accommodation in Centrum Usług Logistycznych (Krótka 1, Międzyzdroje)

Day 4 – 29.09.2018

University of Szczecin Marine Station and transfer to Greifswald

- 08:30 – 09:00 Breakfast
- 09:30 – 11:00 Visit in University of Szczecin Marine Station (1-1.5 h)
Lecture: Tomasz Olechwir, PhD *“Topic”*
- 11:00 – 13:00 Transfer to Greifswald via Świnoujście/Ahlbeck.
- 13:30 – 14:30 Lunch at the Institute for Geography and Geology (University of Greifswald) organized by the students club “Geologenkeller e.V.”
- 14:30 – 15:30 Visit of the “Geologische Landessammlung” of the University of Greifswald guided by Dr. Stefan Meng (curator)
- 15:30 – 18:00 Poster session of the young scientists (students). Discussion between the German and Polish students.
- 18:00 – 20:00 Social Event at the “Geologenkeller e.V.” – informal meeting of the workshop participants with geology students from the University of Greifswald (cross-cultural getting to know)
Barbecue in front of the Institute of Geography and Geology (University of Greifswald) organized by the students club “Geologenkeller e.V.”
- From 20:00 German – Polish Party in the “Geologenkeller e.V.”
- Accommodation for Polish partners in Youth Hostel in Greifswald

Day 5 – 30.09.2018

Field trip to Rügen Island guided by Dr. Michael Kenzler (University of Greifswald)

- 8:00 Breakfast for Polish participants in Youth Hostel
- 08.30 Greifswald – start of the excursion and transfer to Sassnitz on Rügen Island (90 km)
- 10:00 – 12:00 Walk to the steep cliff of the Jasmund National Park (Topics: the chalk cliff of Jasmund; sedimentary history of the last glacial period; glaciotectional complex of Jasmund)
- 12:00 – 12:30 Lunch break in the field (packed lunch)

- 12:30 – 14:30 Dwasieden (near Sassnitz) – the Pleistocene cliff profile of Dwasieden (Topics: terminoglacial sediments; luminescence dating; seismites in glacial deposits)
- 14:30 – 16:00 Mukran / Prora – the flint fields of Rügen (Topics: sea level rise of the Littorina transgression; storm events during the Holocene)
- 16:00 – 17:30 Return to Greifswald (leave-taking of the German Workshop participants)
- 18:00 Return to Szczecin