



**NORPOLAR Final Workshop
September 3-8, 2010
Gdańsk, Poland**

Organizers:

Wojciech Tylmann, Małgorzata Kinder

Department of Geomorphology & Quaternary Geology, Institute of Geography, University of Gdańsk, Gdańsk

Participants:

Achim Brauer, German Research Centre for Geosciences (GFZ), Potsdam

Karolina Czarnecka, University of Gdańsk, Gdańsk

Janusz Dworniczak, University of Gdańsk, Gdańsk

Dirk Enters, University of Bremen, Bremen

Michał Gąsiorowski, Polish Academy of Science, Warszawa

Christian Kamenik, University of Bern, Bern

Katarzyna Kozłowska, University of Gdańsk, Gdańsk

Monika Lutyńska, Adam Mickiewicz University, Poznań

Mirosław Makohonienko, Adam Mickiewicz University, Poznań

Christoph Mayr, Ludwig-Maximilians-University, Munich

Christian Ohlendorf, University of Bremen, Bremen

Anna Pędziszewska, University of Gdańsk, Gdańsk

Natalia Piotrowska, Silesian University of Technology, Gliwice

Agata Pruszczyńska, Polish Academy of Science, Warszawa

Laurentius Sauer, Ludwig-Maximilians-University, Munich

Michał Słowiński, Polish Academy of Science, Toruń

Anita Tarnosh, University of Gdańsk, Gdańsk

Dawid Weisbrodt, University of Gdańsk, Gdańsk

Magdalena Zawadzka, University of Gdańsk, Gdańsk

Aleksandra Zgrundo, University of Gdańsk, Gdańsk

Bernd Zolitschka, University of Bremen, Bremen

Scientific program

Friday 03.09.2010

17.00 – Old Town walk and ice breaker party

Saturday 04.09.2010

Morning session

10.00 – 10.10 Wojciech Tylmann Welcome and introduction
10.10 – 10.30 Achim Brauer The nature of varves
10.30 – 10.50 Christian Kamenik High resolution season climate reconstructions for the last millennium from varved Lake Silvaplana (Switzerland)
10.50 – 11.30 Bernd Zolitschka
Wojciech Tylmann The NORPOLAR project idea
11.30 – 11.50 Wojciech Tylmann Looking for varved records in northern Poland – report about field surveys between 2005 and 2009
11.50 – 13.30 Lunch break

Afternoon session

13.30 – 13.50 Christian Ohlendorf NORPOLAR field campaign in 2007
13.50 – 14.10 Małgorzata Kinder Core correlation and lithology of NORPOLAR records
14.10 – 14.30 Dirk Enters
Małgorzata Kinder Varve chronology – current state and perspectives
14.30 – 14.50 Natalia Piotrowska First results of ^{14}C AMS dating
14.50 – 15.10 Wojciech Tylmann Comparison of varve chronology and radiometric dating results (^{210}Pb , ^{137}Cs and OSL) in recent sediments from Lake Łazduny
15.10 – 15.30 Discussion
17.00 – Excursion to Oliwa Park and Pacholek viewpoint

Sunday 05.09.2010

Morning session

10.00 – 10.20 Wojciech Tylmann Present limnology of the NORPOLAR lakes Suminko, Łazduny and Szurpiły
10.20 – 10.30 Agnieszka Wacnik Pollen record from Lake Łazduny (reported by Mirosław Makohonienko)
10.30 – 10.40 Aleksandra Zgrundo Diatom record from Lake Łazduny
10.40 – 10.50 Christoph Mayr Stable isotope research on Lake Łazduny sediments
10.50 – 11.10 Bernd Zolitschka Climatic and human control on lacustrine depositional processes: Evidences based on varved sediments from Lake Łazduny
11.10 – 11.30 Coffee break

Mid-day session

11.30 – 11.50 Mirosława Kupryjanowicz Pollen record from Lake Szurpiły
11.50 – 12.00 Iwona Bubak Diatom record from Lake Szurpiły (reported by Aleksandra Zgrundo)
12.00 – 12.20 Michał Gąsiorowski
Agata Pruszczyńska Cladocera record from Lake Szurpiły
12.20 – 12.30 Laurentius Sauer Stable isotope research on Lake Szurpiły sediments
12.30 – 12.50 Małgorzata Kinder Geochemistry of Lake Szurpiły sediments
12.50 – 14.20 Lunch break

Afternoon session

14.20 – 14.40 Mirosław Makohonienko Pollen record from Lake Lubińskie
14.40 – 15.00 Monika Lutyńska Diatom record from Lake Lubińskie
15.00 – 15.20 Małgorzata Latałowa
Emilia Rogowska
Anna Pędziszewska Pollen record from Lake Suminko

- 15.20 – 15.30 Małgorzata Witak Diatom record from Lake Suminko (reported by Monika Lutyńska)
- 15.30 – 16.00 Coffee break
- 16.00 – 17.30 Final discussion – Further working strategies as well as scientific and funding perspectives
- 19.00 – Barbecue

Monday 06.09.2010

Field trip I Gdańsk – Łeba – Field of active dunes in Słowiński National Park – Gdańsk

Tuesday 07.09.2010

Field trip II Gdynia – Hel (Marine Station of the Institute of Oceanography, University of Gdańsk) – Jastrzębia Góra (active cliffs) – Gdańsk

Wednesday 08.09.2010

Final coffee at the Department of Geomorphology and Quaternary Geology

Transportation to the airport