

THE PRESENT IS THE KEY TO THE PAST: MODERN SEDIMENTARY PROCESSES AND THEIR GEOLOGICAL RECORD

Smoldzino, 21-26 June 2010



The 4th Polish Sedimentological Conference (POKOS' 4) will be held between 21st and 26th June 2010. The meeting is organized by a team of scientists from *Institute of Geology* and *Institute of Geoecology and Geoinformation* of Adam Mickiewicz University in Poznań, Poland, and partners from cooperating institutions. The conference is under the auspices of Sedimentological Section of Polish Geological Society.

The main objective of the meeting is to confront modern research on contemporary sedimentary processes with studies on their geological record, with a particular attention put on preservation potential of particular sedimentary signatures in various depositional environments.

There are planned sessions dedicated to various sedimentary environments, giving a chance to confront and discuss results of studies on modern sedimentation and on older sedimentary rocks. So, we cordially invite all scientists interested in modern sedimentary processes, as well as those working on Quaternary deposits and older sedimentary rock successions. We hope to host also researchers working on diagenesis, since this topic links modern sediments with their preservation in the older records.

During the conference two field trips in a region of Mid-Pomerania (before and after the conference) are planned. They are aimed to show wide range of problems including contemporary sedimentary processes as well as Quaternary deposits from various depositional environments.

A volume including abstracts of all the presentation as well as a guide to the field trips will be published. Moreover, the reviewed full papers will be published in a post-conference separate issue of *GEOLOGOS* (www.geologos.com.pl). All papers are available on the web site www.geologos.com.pl.

All the updated information concerning the conference will be published on the conference website: www.pokos4.amu.edu.pl

You are cordially invited to participate in the conference !

Scientific committee:

prof. dr. Stanisław Lorenc
prof. dr. Karol Rotnicki
prof. dr. Krzysztof Borowka
prof. dr. Tomasz Zielinski

Organization committee:

dr. Joanna Rotnicka
dr. Robert Jagodzinski
dr. Jarosław Jasiewicz
dr. Grzegorz Rachlewicz
dr. Katarzyna Skolasinska
dr. Witold Szczucinski

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PROGRAMME:

20 June 2010	– registration of participants taking part in the pre-conference field trip
21-22 June 2010	– pre-conference field trip
22 & 23 June 2010	– registration of the other participant
23-24 June 2010	– oral and poster sessions
25-26 June 2010	– post-conference field trip

CONFERENCE VENUE: the conference will be held in a small village **Smoldzino** in the vicinity of the Slovinski National Park (central part of Polish Baltic Sea coast). This area is of particular interest because of large dunes, spits, lagoons, long beaches and complex coastline evolution (www.slowinski.pl).

The **accommodation** during the conference will be granted in pension "U Bernackich" in **Smoldzino**: ul. Bohaterów Warszawy 26, tel.: +48 59 8117364, www.ubernackich.pl

CONFERENCE FEE: regular - **400 PLN** / student - **200 PLN**. It includes volume of abstracts and field trip guide, meals and social programme on 23rd and 24th of June.

Accommodation cost is 65 PLN per night in double-bed room.

The above listed costs (also costs of the field trips) are the maximum costs. They will be lowered depending on received support from sponsors.

ABSTRACTS

Abstracts of oral and poster presentations should be no longer than two pages MS Word, including figures, figures captions and references. Abstract submission **deadline is 31st of January, 2010**.

Text format: fonts Times New Roman 12p, spacing 1.5, left & right margins 2.5 cm. Please adapt to the following scheme: title, authors, authors' affiliations and e-mails, text, references. Black-and-white illustrations in electronic form (CDR and JPEG format) will be accepted. References to the literature in text and a list of works cited should follow the instruction on the Przegląd Geologiczny web page (www.pgi.gov.pl/prz_geol). PLEASE DO NOT FORMAT THE ABSTRACTS.

FULL PAPERS to the post-conference issue of GEOLOGOS

Original research papers of the conference participants will be published in the special issue of peer-reviewed journal: **GEOLOGOS**. For the detailed guide for authors, follow the instruction on the journal web page (www.geologos.com.pl). Paper submission deadline is **15th of July, 2010**. The manuscripts should be submitted or sent directly to the Editorial Office Geologos by e-mail (geologos@amu.edu.pl), via internet (www.geologos.com.pl) or on CD-ROM to the address: Institute of Geology, Adam Mickiewicz University, Makow Polnych 16, 61-606 Poznan, Poland (add: POKOS'4).

IMPORTANT DATES:

31 October 2009	– pre-registration
30 November 2009	– second circular
31 January 2010	– deadline for registration, submission of abstracts and payment of conference fee
21-26 June 2010	– POKOS'4
15 July 2010	– submission of full papers to GEOLOGOS

FIELD TRIP PROGRAMME

Pre-conference field trip:

Quaternary processes of erosion and accumulation on the middle polish Baltic coast

Date: 21-22 June 2010, departure: 21 June, 8.00 a.m.

Sites: cliffs in Poddabie i Debina, Lupawa outlet, Lakes Gardno and Lebsko, active dunes and beaches of Slovinski National Park

Leaders: Krzysztof Borowka, Jaroslaw Jasiewicz, Joanna Rotnicka, Michal Rzeszewski, Michal Woszczyk

Programme: During the first day of the trip glacialacustrine deposits and glacial tills from the late Vistulian period will be presented. Moreover, several aspects of the Pleistocene ice sheet dynamic will be discussed on example of glacitectonic deformations. Finally, contemporary processes of cliff coast erosion in regard to its lithology and cliff front beach development will be shown. On the second day several aspects of lacustrine sedimentation will be exemplified by two lakes of various origin (Lebsko and Gardno Lake). Next, modern eolian processes and their effects will be presented on a famous large active coastal dune field nearby Leba, where also processes of modern foredune formation and fossil soils will be shown.

Fee: **300 PLN** – it includes accomodation for 20/21 and 21/22 June, meals, transport and entrance fees. Minimum number of participants: 20 persons.

Post-conference field trip:

Deposits of the Vistulian glaciation on the Middle Pomerania

Data: 25-26 June 2010

Sites: Lebork, Bialy Bor, Parsecko, Storkowo, Barwice, Zlocieniec

Leaders: Renata Paluszkiewicz, Ryszard Paluszkiewicz, Grzegorz Rachlewicz

Programme: During the field trip, outcrops of glacialacustrine deposits in Lebork and Zlocieniec will be visited. They represent two different types of glacialacustrine environments. The outcrops belong to the most impressive in the region, the thickness of glacialacustrine series reaches 18 m. Next, the proximal glacialfluvial deposits will be presented on example of Bialy Bor open cast mine. Their variations along with various glacial tills will be shown also in Parseck and Barwice. Finally, Geoecological Station of Adam Mickiewicz University placed in Storkowo, nearby Szczecinek will be visited. The station is localised in catchment of upper Parseta River, where wide range of monitoring studies on contemporary morphogenetic processes in recently glaciated area in temperate climatic zone are conducted.

Fee: **400 PLN** – it includes accomodation for 24/25 and 25/26 June, meals, transport and entrance fees. Minimum number of participants: 20 persons.