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MEETING SWIM JUNE 17 - 22 2018 GDAŃSK

STRATEGIC SPONSOR:



ORGANIZERS:











POLAND

IN 2018 WE ARE GOING TO CELEBRATE THE 50TH ANNIVERSARY OF THE SWIM CONFERENCE IN GDANSK

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- A CITY ON THE POLISH BALTIC COAST SSTUME 2018, GDANSK-ROLL

SWIM conferences originated in 1968, as a result of collaboration between researchers from Germany, Holland and Denmark, working on problems of freshwater-saltwater interaction in coastal aquifers.

Since that time SWIM meetings have been organized - mostly on a biennial basis - in different countries, with an increasing number of participants.

Contributions include both oral and poster presentations. The scope encompasses (but is not limited to) the following topics:

01. Case studies of saltwater intrusion, **02.** Hydrogeology of islands and atolls, **03.** Submarine groundwater discharge, **04.** Geogenic groundwater salinization, **05.** Geophysical and geochemical characterization of coastal aquifers, **06.** Monitoring and remote sensing, **07.** Variable density flow and transport: theory, experiments, analytical and numerical modeling, **08.** Coastal zone groundwater management, **09.** Impacts of climate change, sea-level rise and socioeconomic changes

CALL FOR PAPERS:

Participants are encouraged to submit either short papers (up to 4 pages) or one page abstracts. The deadline for submission is 1 Feb. 2018. Submissions will be peer-reviewed and the decision on acceptance or rejection will be communicated to the authors before 28 Feb. 2018.

Papers and abstracts will be included in the conference proceedings, distributed to the participants in printed form and as a pdf file. Only contributions of which at least one author registered for the conference will be included in the proceedings.

Additionally, full-length research papers related to the work reported on the conference can be submitted to Geological Quarterly, which is a peer-reviewed journal indexed in the Journal Citation Reports. Depending on the number of contributions, they will be published as a special post-conference issue or in regular, forthcoming issues of the journal.

25TH SALTWATER INTRUSION MEETING SWIM

JUNE 17 - 22 2018

ADVISORY COMMITTEE:

Mark BAKKER, Netherlands

Wesley DANSKIN, USA

Klaus HINSBY, Denmark

Georg HOUBEN, Germany

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SCIENTIFIC COMMITTEE:

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Shaul SOREK, Israel

Torben SONNENBORG, Denmark

Pieter STUYFZAND, Netherlands

Waldemar ŚWIDZIŃSKI, Poland

Alexander VANDENBOHEDE, Belgium

Yoseph YECHIELI, Israel

LOCAL ORGANIZING COMMITTEE:

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Andrzej SADURSKI – vice-chairman

Beata JAWORSKA-SZULC – secretary

Małgorzata PRUSZKOWSKA-CACERES

Małgorzata WOŹNICKA

Anna BAGIŃSKA

Rafał OSSOWSKI

Arkadiusz KRAWIEC

Mirosław LIDZBARSKI

Zbigniew KORDALSKI

Beata SZYMCZYCHA

Anna GUMUŁA-KAWĘCKA

Dawid POTRYKUS

Maria PRZEWŁÓCKA

Witold TISLER

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IMPORTANT

DATES:

Opening Registration and Call for Papers

Deadline for Abstract/Paper Submission

Notification of Abstract/Paper Acceptance

Deadline for early bird registration

Deadline for regular registration

SWIM 2018

15 November 2017

01 February 2018

28 February 2018

31 March 2018

31 May 2018

17 - 22 June 2018

REGISTRATION INFORMATION:

The registration fee provides full participation in the conference, including conference materials, lunches, coffee breaks and evening social events (Sunday icebreaker, Tuesday soccer match and Thursday dinner). The price of the field trip includes transport, copy of the field trip handout, tickets and lunch.

The guest registration fee includes the lunches and the evening receptions.

End of online registration will be May 31st, 2018. After the stipulated date only registration on-site will be possible.

The cancellation fee amounts to 200 PLN. A cancellation after May 31st, 2018 is not possible and will not result in any refund. Cancellations must be made in written form.

For changes after issuing an invoice, a service fee of 40 PLN will be raised. The valid VAT is underlying. Changes beyond our exertion of influence are hereby explicitly reserved.

	Early Registrant Fee Received until 31 March 2018	Regular Registrant Fee Received between 1 April and 31 May 2018	On-site 17-18 June 2018
MEETING ATTENDEES	1900 PLN (~ 441 €*)	2200 PLN (~ 511 €*)	2300 PLN (~ 534 €*)
STUDENT ATTENDEES	1000 PLN (~ 232 €*)	1200 PLN (~ 279 €*)	1300 PLN (~ 302 €*)
ACCOMPANY- ING ATTENDEES	1000 PLN (~ 232 €*)	1000 PLN (~ 232 €*)	1000 PLN (~ 232 €*)
FIELD TRIP	300 PLN (~ 70 €*)	300 PLN (~ 70 €*)	300 PLN (~ 70 €*)

*please notice that applicable prices are specified in PLN; equivalents in EUR are given only for information purposes, assuming currency rate 1 EUR = 4.3 PLN

CONTACT:

swim2018poland@gmail.com

MORE INFORMATION:

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ACCOMMODATION:

The conference fee does not include accommodation. Participants are kindly requested to book their rooms on individual bases.

The Mercure Gdańsk Stare Miasto hotel (4-star), which is the venue of the conference, guarantees that the room rate for SWIM participants will not exceed 350 PLN (~82 EUR) for a single room and 390 PLN (~92 EUR) for a double room, if the reservation is made by 15 April 2018. When booking early you can benefit from even lower prices.

The Ibis Gdańsk Stare Miasto hotel (2-star), neighboring the Mercure hotel, is a cheaper alternative. Early booking should give you the advantage of significantly lower prices than Mercure. Note also that June is high tourist season and the availability of rooms may be limited when booking late. More details about the hotel reservation can be found on the conference webpage.

Mercure *** Gdańsk Stare Miasto
ul. Jana Heweliusza 22, 80-890 Gdańsk, Poland
Tel. (+48)58/3210000; Fax (+48)58/3210011
e-mail: H3390@accor.com
http://www.mercure.com/gb/hotel-3390-mer-

lbis ★★ Gdańsk Stare Miasto

cure-gdansk-stare-miasto

ul. Jana Heweliusza 24, 80-861 **Gdańsk**, **Poland** Tel. (+48)58/3006700; Fax (+48)58/3006767 e-mail: H9835@accor.com http://www.ibis.com/gb/hotel-9835-ibisgdansk-stare-miasto/index.shtml

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TENTATIVE AGENDA /

PRELIMINARY PROGRAM

SUNDAY, JUNE 17		15:00 - 19:00	Registration open
MONDAY, 19:00 - 21:00			
MONDAY, 11:00 - 12:30 Session 1 Lunch	JUNE 17		
P:00 - 10:30			
P:00 - 10:30		8:00	Registration open
MONDAY, JUNE 18 10:30 - 11:00 11:00 - 12:30 11:00 - 12:30 14:00			
MONDAY, JUNE 18 11:00 - 12:30 Session 1 Lunch Lunch 14:00 - 15:30 Session 2 15:30 - 16:00 Coffee break Session 3 17:30 - 19:30 Poster session			
MONDAY, JUNE 18 12:30 - 14:00			Session 1
14:00 - 15:30 Session 2 Coffee break			
15:30 - 16:00	JUNE 18		Session 2
16:00 - 17:30 Session 3 17:30 - 19:30 Poster session			Coffee break
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P:00 - 10:30			
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15:30 - 16:00 Goodbye coffee ;) 2018		14:00 - 15:30	Socion 14
GDAŃSK		15:30 - 16:00	
POLAND			

FIELD TRIP

PARTICIPANTS CAN CHOOSE ONE OF TWO OPTIONS OF THE FIELD TRIP. THE CHOICE HAS TO BE MADE DURING REGISTRATION. IN CASE OF A SMALL NUMBER OF INTERESTED PARTICIPANTS, THE ORGANIZERS RESERVE THE RIGHT TO CANCEL ONE OR BOTH TRIPS.

"SWIM TO HEL" [1]

This trip offers a great opportunity to discover various coastal landscapes and associated hydrogeological settings in the vicinity of Gdańsk. Participants will go on board of a ship to the Hel peninsula, a long, narrow sandbar or spit, which separates the Bay of Gdańsk from the main Baltic Sea. The peninsula was formed by deposition of sand sediment transported by the sea current along the coast. In its narrowest part the spit is only about 100 m wide and may be overflowed with water during heavy storms. Fresh groundwater on Hel is present in form of a lens recharged by precipitation. The town of Hel, located at the very end of the peninsula is renowned for the efforts to protect Baltic seals and local dune ecosystems.

Starting from the Hel town the participants will go by bus along the peninsula, with its dunes covered by pine forests, numerous tourists resorts and WWII fortifications. Back on the mainland, we will see a very different type of coast - the cliffs of Jastrzębia Góra and Rozewie, towering up to 40 meters above the sea level. Protection of the slopes from coastal erosion and landslide processes remains a constant challenge for scientists and engineers. Groundwater, present in sandy layers sandwiched between lacustrine clays and moraine tills of the cliffs, plays a significant role in the struggle between humans and the sea.

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CASTLE & DELTA [2]

This trip will bring the participants to the region of Vistula Delta, which forms a unique environment at the mouths of the largest Polish river. Its flat landscape cut by a multitude of canals and ditches resembles the Netherlands, and indeed Dutch settlers influenced the development of the region, notably in 16th and 17th centuries. Hydrogeology of the Delta is quite complex, with groundwater table in fresh alluvial sediments controlled by dewatering systems - large part of the area is below the sea level. The shallow Quarternary aquifers are underlain by deeper ones, located in Tertiary and Cretaceous sediments. The origins of increased groundwater salinity in this region were a subject of scientific debate since the early 20th century, as various researchers attributed them to the ascension of saline water from deep aquifers, presence of connate marine water in deltaic sediments or recent seawater intrusions.

The cultural highlight of the trip will be a visit to the Castle of Malbork (German Marienburg), probably the largest gothic castle and the largest building complex in the world constructed of bricks, covering area of about 21 hectares, with the total cubic space inside all buildings surpassing a quarter of a million of cubic meters. The castle used to be the seat of the Grand Master of German (Teutonic) Order Knights, a military order which ruled a large part of the southern Baltic coast in late Middle Ages. Now it is one of the UNESCO World Heritage Sites.

POLAND

