



**THE 13TH COLLOQUIUM
ON BALTIC SEA MARINE GEOLOGY**
September 12-16 | 2016
Gdańsk, Poland

**2nd Circular of The Baltic 2016
and Call for abstracts**



POLISH GEOLOGICAL INSTITUTE
NATIONAL RESEARCH INSTITUTE

POLISH GEOLOGICAL SURVEY
POLISH HYDROGEOLOGICAL SURVEY



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The Polish Geological Institute – National Research Institute is pleased to invite you to The Baltic 2016 – The 13th Colloquium on Baltic Sea Marine Geology.

INTRODUCTION:

The Colloquium on Baltic Sea Marine Geology is a biennial meeting started in 1987 in Finland. In 1993 the conference took place in Sopot, Poland. Today the Polish Geological Institute – National Research Institute is proud to host the conference in Poland again.

The Colloquium is an opportunity to present the latest results and exchange ideas of future research on geology of the Baltic Sea.



Scientific themes:

- **Baltic Sea Paleoenvironments** – the session should include all research related to the development and paleoclimate of the Baltic Sea
 - **CLISED Climate Change Impact on Ecosystem Health – Marine Sediment Indicators** (<http://www.iopan.gda.pl/clised>)
- **Coastal Processes** – the session dedicated to geodynamics, geohazard, modern sea level changes and human impact on the coast
- **Environmental Issues and Practical Applications** – the session takes into account natural resources, geotechnics, geochemistry, geohabitat mapping as well as geotourism, geoheritage and geo-sites
- **Tectonical Framework and pre-Quaternary Geology of the Baltic Sea** – the session discusses the subsurface geological structure, together with studies on hydrocarbon deposits

However the Organizing Committee is opened to proposition not included to above subjects but strictly related to geology of the Baltic Sea.

In this case we encourage you to contact us via baltic2016@pgi.gov.pl.

Call for Abstracts:

Registration and abstract submission will open **on January 15th, 2016**. The deadline both for registration and abstract submission **is March 31st, 2016**. Due to limited time the number of oral presentation will be restricted.

The Scientific Committee has rights to change preferences of participants from oral presentation to poster and will decide the final programme. The deadline for abstract acceptance **is April 15th, 2016**. Detailed information on abstract preparation is available on conference website.

Venue and date

The Conference will take place in Gdańsk Main Town, Poland, on September 12 – 16, 2016

We are pleased to announce that the Conference will be held at The Polish Baltic Frédéric Chopin Philharmonic on the Ołowianka Isle.

The Polish Baltic Frédéric Chopin Philharmonic

Ołowianka str., 1
Gdańsk, Poland
www.filharmonia.gda.pl

You will find details on localisation of the conference venue on the conference website.

Accommodation

Pre-reservations for conference participants in Gdańsk Main Town have been already made. The list of pre-booked hotels and booking details are available on the conference website.

Social Events:

Ice-breaking Party – The Polish Baltic Frédéric Chopin Philharmonic, September 12th

Conference Dinner – Gdańsk Main Town, September 14th

Excursion – Vistula Spit and Żuławy Region, September 16th





Scientific Committee (in alphabetic order)

Thomas Andrén (Södertörn University, Sweden)

Helge Arz (IOW, Germany)

Albertas Bitinas (Klaipeda University, Lithuania)

Svante Björck (Lund University, Sweden)

Emelyan M. Emelyanov (IO RAS, Russia)

Tom Floden (Stockholm University, Sweden)

Marek Graniczny (PGI - NRI, Poland)

Thomas Leipe (IOW, Germany)

Algimantas Grigielis (Institute of Geology and Geography, Lithuania)

Jan Harff (Szczecin University, Poland)

Jørn Bo Jensen (GEUS, Denmark)

Laimdota Kalniņa (University of Latvia, Latvia)

Aarno Kotilainen (GTK, Finland)

Birger Larsen (GEUS, Denmark)

Jørgen Leth (GEUS, Denmark)

Stanisław Mikulski (PGI - NRI, Poland)

Matthias Moros (IOW, Germany)

Stanisław Musielak (Szczecin University, Poland)

Grzegorz Pieńkowski (PGI - NRI, Poland)

Anto Raukas (Tallinn University of Technology, Estonia)

Alar Rosentau (University of Tartu, Estonia)

Stanisław Rudowski (Maritime Institute Gdańsk, Poland)

Daria Ryabchuk (VSEGEI, Russia)

Jonas Satkunas (Geological Survey of Lithuania)

Vadim Sivkov (IO RAS, Russia)

Michail Spiridonov (VSEGEI, Russia)

Sten Suuroja (Geological Survey of Estonia)

Igor Tuuling (University of Tartu, Estonia)

Szymon Uścińowicz (PGI - NRI, Poland)

Boris Winterhalter (GTK, Finland)

Małgorzata Witak (University of Gdańsk, Poland)

Henry Vallius (GTK, Finland)

Joanna Zachowicz (PGI - NRI, Poland)

Vladimir Zhamoida (VSEGEI, Russia)



Local Organizing Committee

CHAIRMAN

Regina Kramarska

regina.kramarska@pgi.gov.pl

VICE-CHAIRMAN

Grzegorz Uścińowicz

grzegorz.uscinowicz@pgi.gov.pl

SECRETARY

Urszula Pączek

urszula.paczek@pgi.gov.pl

MEMBERS:

Anna Bagińska, Mateusz Damrat, Dorota Koszka-Maróń,
Leszek Jurys, Justyna Relisko-Rybak, Dorota Kaulbarsz,
Jerzy Frydel, Wojciech Jegliński, Paweł Sydor

Important information

Registration Fee:

Registration fee includes materials, ice-breaking party, coffee breaks, lunches and conference dinner.

Regular Registration 230 EURO

Student Registration 150 EURO

Language:

The official language of the conference is English.

Contact:

If you have any questions do not hesitate to contact the Local Organizing Committee

baltic2016@pgi.gov.pl

All information is available on the website:

baltic2016.pgi.gov.pl

Excursion: Vistula Spit and Żuławy Region

The Vistula Spit, a large sandy barrier is a unique place due to its natural, cultural, historical and landscape values. Dunes form fields often many kilometers long, between which there are deflationary depressions, often marshy and filled with peat bogs. Such considerable diversity of the landscape is closely related to the nature diversity manifested in a multitude of species of flora and fauna. The small space joins the different environments - marine, coastal zone with dunes, shallow freshwater lake (lagoon) and part of the Vistula delta plain. Moreover the Vistula Spit is famous for the presence of amber. Baltic amber (succinct) is a fossil resin of coniferous trees, which was established at least 30 million years ago. Amber is the most famous local mineral. With a little bit of luck it can be found on the beach. It also occurs inland at a depth of several meters in marine sediments, usually covered by sand dunes. In such cases the mineral is excavated with usage of various mining technics. Acquisition of amber on the Vistula Spit and its vicinity has a long tradition. That is why the Vistula Spit is also called a Polish amber coast.

South of the spit a relatively flat area called the Vistula delta plain lies. The Vistula river that has formed the delta runs to the Baltic Sea by three outlets. The oldest, called Martwa (Dead) Vistula had been the main river's artery for the XIX century. The Vistula formed a new mouth about 10 km east of Gdańsk after the flood in 1840 when the river bank was broken. This outlet has been called the Śmiała (Brave) Vistula. The present-day artificially constructed outlet, located ca. 20 km east of Gdansk is also interesting. Accretion of outlet cone since its beginning in the year 1895 have been observed there. Since that time, once the previous outlets of the Vistula were cut off with hydrotechnical constructions almost all of the Vistula water and sediments have been transported to the Gulf of Gdańsk through the so-called Vistula Cross-Cut.

