



Conference venue:

Gdańsk is a 1000-year-old city located in northern Poland at the coast of Baltic Sea, close to the mouths of Vistula, the largest Polish river. The city is renowned for its Old Town, reconstructed after World War II and for being the birthplace of the anti-communist Solidarity movement in 1980. The conference sessions will take place in the Main Building of the Gdansk University of Technology, (Aula PG, hall, 2nd floor).

Registration fees:

The conference fee is finance by the DredgDikes Project. The participants should pay their travel and accommodation costs.

Please register till 30th April 2014 on:

<http://www.dredgdikes.org.pl>

Please be aware that the number of participants is limited!

Accommodation:

We have 3 offers of hotels with special rates: Qubus Hotel Gdańsk, Scandic Hotel Gdańsk, Mercure Hevelius Hotel, book before 15.04.2014. Please use the code "DredgDikes" to book special rates.

Organising committee:

Zbigniew Sikora - Chairman
Remigiusz Duszyński – Co - chairman
Katarzyna Białek
Andrzej Danilewicz
Patrycja Jerzyło
Rafał Ossowski
Adam Szymkiewicz
Paweł Więctawski
Marzena Wójcik
Mariusz Wyroślak



Scientific committee:

Zbigniew Sikora, Poland
Fokke Saathoff, Germany
Eugeniusz Dembicki, Poland
Stefan Cantré, Germany
Zygmunt Meyer, Poland
Ryszard Coufal, Poland
Lech Bałachowski, Poland
Marcin Cudny, Poland
Angelika Duszyńska, Poland
Kazimierz Gwizdała, Poland
Eligiusz Mieloszyk, Poland
Arnoldas Norkus, Lithuania
Tomasz Szczygielski, Poland
Bohdan Zadroga, Poland

Contact:

Gdańsk University of Technology
Faculty of Civil and Environmental Engineering
Department of Geotechnics, Geology & Maritime Engineering
11/12 Narutowicza str.
80-233 Gdańsk, Poland
Phone: +48 58 347 27 01
E-mail: dredgdikes@pg.gda.pl



DredgDikes

South Baltic Conference on New Technologies and Recent Developments in Flood Protection

Gdańsk
5 – 6 June 2014

Bulletin 2

www.dredgdikes.eu



Part-financed by the European Union
(European Regional Development Fund)

The project DredgDikes:

The project DredgDikes was initiated by the University of Rostock and Gdańsk University of Technology to investigate the application of dredged materials, geosynthetics and different ash-composites in dike construction. The international cooperation project is part-financed by the EU South Baltic Cross-border Co-operation Programme 2007-2013.

In Gdańsk, sand-ash composites are investigated with respect to their applicability in dike construction. Sandy dredged material is improved with particular ashes, so that it can be used as dike cover material. On the other hand the investigation will show how ash-sand mixtures can be used to build stable dike cores.

In order to investigate the different dredged materials and material combinations both in Rostock and Gdańsk two full scale test dikes have been built. A large number of measurements are being performed, including geotechnical field measurements, vegetation monitoring, control of the filtrate water with respect to potential contaminants, as well as seepage and overflowing tests.

All project findings will be summarised in a multilingual best practice guideline about the application of dredged materials in dike construction. It will be the basis for design and approval of such projects, addressing planners, authorities, and construction companies. The guideline will be developed in close cooperation with the associated partners to meet all their requirements with respect to such a guideline. Moreover, two conferences on topic of the project results will be held in 2014 in Rostock and Gdansk, respectively.

Partner conference:

The first DredgDikes conference will be held in Rostock / Warnemünde, 10-11 April 2014 with the title: **South Baltic Conference on Dredged Materials in Dikes Construction**. Rostock University together with the DredgDikes consortium cordially invites to participate in this conference. Detailed information is available at the project website www.dredgdikes.eu.



Invitation:

The Rector of Gdańsk Technical University and the Chair of the Department of Geotechnics, Geology and Maritime Engineering, together with Maritime Office in Gdynia and Pomeranian Head of Melioration and Hydrotechnic Structures warmly invite you to participate in the South Baltic Conference on New Technologies and Recent Developments in Flood Protection, being held in Gdansk from **5 – 6 June 2014**.

Scope of the conference:

The second DredgDikes conference will be held in Gdańsk, Poland, 5-6 June 2014, and devoted to recent developments in flood protection. Particular emphasis will be put on the application of the new materials (including anthropogenic ones) and improved geo-engineering technologies for increased efficiency of dikes and other flood protection structures. Other important aspects to be dealt with include modelling and monitoring technologies as well as legal and administrative issues related to the flood protection and mitigation.

Conference format:

Thursday, 5 June 2014

Registration, Sessions, Conference Dinner

Friday, 6 June 2014

Session, Poster session, Excursion



Conference topics:

The conference will include about 30 oral and poster presentations arranged in the following thematic sessions related to various aspects of flood protection:

1. Materials and technologies
2. Modelling and monitoring
3. Legal and administrative issues

The official conference language will be English. There will be **simultaneous translation** of all presentation into Polish to reach a wider audience.

In case of any questions please feel free to contact us.

Important dates:

Deadline for full papers: **18.03.2014**

Registration: **30.04.2014**

Detailed information, on publication and conference proceedings will be given in later bulletins.

Excursion:

An excursion to the Gdańsk research dike facility will be organized on Friday, 6 June.