



Venue

The conference will be held in Rostock, a nearly 800 years old Hanseatic city in the northeast of Germany. It is the largest and economically most important city in the German federal state Mecklenburg - Western Pomerania. Rostock has a major Baltic Sea harbour for ferry traffic and cargo handling and one of the largest harbours for cruise liners in Germany. The location at the sea, the harbour, the Hanseatic league history and its gothic brick architecture as well as the University of Rostock, founded in 1419 as the oldest university in Northern Europe, characterize the city.

As venue the marine resort „Yachthafenresidenz Hohe Düne“ in Rostock-Warnemünde has been chosen. The conference center is located directly at the beautiful Baltic Sea coast, at a proposed Olympics marina, only 5 minutes walk from the nice sandy beach and a 5 minutes drive brings you to the DredgDikes research dike facility.

How to get there

By airplane: Via airports Berlin, Hamburg or Lübeck, then by train to Rostock/ Warnemünde (see below)

By train: Train to Rostock/ Warnemünde (terminal station). From the station it is a 5 minutes walk to the ferry across the river Warnow. From here you can see the venue across the river to your left. On the other riverside follow the pedestrian signs to the conference centre.

By car: From East / West: Motorway A20, junction „Rostock West / Warnemünde“. Behind the town name sign Warnemünde (before the petrol station) turn right to the ferry / cruise centre. Take the car ferry across the river Warnow and then turn left to enter the YHD car park.

From South: A19, junction A20 in Lübeck direction, then as before.

Accommodation

There are rooms available in the conference hotel Yachthafenresidenz Hohe Düne. Also, there are a variety of nice hotels and guest-houses in Warnemünde and Markgrafenheide in all price categories. A list of hotels in three different categories can be downloaded from the conference website.



Committees

Organising committee

Fokke Saathoff (Chairman)
Elisabeth Nitschke
Ricarda Neumann

Stefan Cantré
Michael Henneberg

Scientific committee

Fokke Saathoff, Germany
Arnoldas Norkus, Lithuania
Thorsten Piontkowitz, Denmark
Lech Bałachowski, Poland
Stefan Cantré, Germany
Remigiusz Duszyński, Poland
Jürgen Grabe, Germany
Gijs Hoffmans, Netherlands
Klaus Waßmuth, Germany

Zbigniew Sikora, Poland
Göran Holm, Sweden
Mohamed Boutouil, France
Marcin Cudny, Poland
Julia Gebert, Germany
Michael Henneberg, Germany
Martin Pohl, Germany
Martin Ziegler, Germany

The conference will be held under the auspices of BWK and HTG.



Contact



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<http://dredgdikesconf.auf.uni-rostock.de>

DredgDikes

South Baltic Conference on Dredged Materials in Dike Construction

Rostock / Warnemünde

10 - 11 April 2014

Bulletin 3 Conference Programme

www.dredgdikes.eu



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Programme

Thursday 10 April 2014	
9:00 - 10:00	<p>Opening Ceremony <i>Saathoff, F.</i> - Conference Chairman <i>Schareck, W.</i> - Rector Universität Rostock <i>Meier, H.-J.</i> - BWK <i>Lemcke, U.</i> - HTG</p> <p>The DredgDikes Project - Part 1 <i>Saathoff, F.</i> The DredgDikes Project - Part 2 <i>Cantré, S.</i></p>
10:30 - 11:30	<p>Session 1: Geotechnical and Chemical Characterisation of Dredged Materials</p> <p>Geotechnical and Mechanical Characterisation of Three Marine Dredged Sediments Treated with Hydraulic Binders <i>Le Guern, M.; Boutouil, M.; Saussaye, L.; Lescarmontier, D.</i></p> <p>Geotechnical Characterization of Different Fine-grained, Organic Dredged Material Batches from the Baltic Sea Area - Peculiarities and Adaptions <i>Große, A.-K.; Saathoff, F.</i></p> <p>The Project DredgDikes: Characterization of Chemical Properties of the Dredged Material and First Results on Vegetation Monitoring <i>Neumann, R.; Henneberg, M.</i></p>
11:30 - 12:00	<p>Invited Lecture: Erosion in Geomechanics Applied to Dams and Levees <i>Bonelli, S.</i></p>
Lunch Buffet	
13:00 - 14:45	<p>Session 2: Dredged Materials in Dike Construction - Field Tests Part 1</p> <p>Investigation on Water Infiltration and Water Content Changes in a Large-scale Experimental Test Dike <i>Ossowski, R.; Sikora, Z.; Duszyński, R.; Sawicki, J.</i></p>

	<p>Full-scale Seepage Experiments at the German DredgDikes Research Dike <i>Nitschke, E.; Cantré, S.; Saathoff, F.</i></p> <p>Water Balance of Dikes Constructed with Dredged Material - Results From a Long-term Field Test <i>Gröngroft, A.; Gebert, J.; Eschenbach, A.</i></p> <p>Overflowing Tests on the Rostock DredgDikes Research Dike <i>Olschewski, J.; Cantré, S.; Saathoff, F.</i></p> <p>Lime Treated Soil as an Erosion Resistant Material for Hydraulic Earthen Structures <i>Herrier, G.; Leconte, P.; Nerinx, N.; Bonelli, S.; Mercier, F.; Fry, J.-J.; Techker, P.; Puiatti, D.</i></p>
15:00 - 18:00	<p>Excursion to the Rostock DredgDikes research dike</p>
19:00 - 22:00	<p>Evening Reception in the Yachthafenresidenz Hohe Düne</p>
Friday 11 April 2014	
9:00 - 10:45	<p>Session 3: Dredged Materials in Dike Construction - Field Tests Part 2</p> <p>The Use of Engineered Sediments for the Construction of a Compartment Dike in the Controlled Flooding Area of Vlassenbroek (Belgium) <i>van Niderkassel, J.; Van Zele, S.; Van Rensterghem, B.; Vermeersch, T.; Quaeyhaegens, H.</i></p> <p>Geotechnical Investigations on Dike Materials as a Basis for a Holistic Numerical Model <i>Nuber, T.; Pohl, M.</i></p> <p>Stability of the Inner Slope of the Polish DredgDikes Research Dike at Stationary Flow <i>Balachowski, L.</i></p> <p>Load-bearing Capacity of a Selected Dredged Material - Evaluation for its Applicability on the East Zingst Dike Project <i>Müller, H.; Borchardt, J.</i></p>

	<p>Deformation Analysis of Dikes Using Unmanned Aerial Systems (UAS) <i>Naumann, M.; Bill, R.; Niemeyer, F.; Nitschke, E.</i></p>
11:15 - 12:30	<p>Session 4: Dredged Materials Applications - Part 1: Geotechnical Applications</p> <p>Beneficial Use of Dredged Contaminated Sediments <i>Holm, G.; Lundberg, K.; Svedberg, B.; Larsson, L.</i></p> <p>A Lustrum of Valorisation of Contaminated Sediments From the Port of Dunkirk (France) <i>Herman, S.; Glaser, D.; Pieters, A.; Gregoire, P.; Priez, C.; Desmoulin, D.; Guglielmetti, D.</i></p> <p>Mass Stabilisation as a Method of Treatment of Contaminated Sediments <i>Lahtinen, P.; Forsman, J.; Kiukkonen, P.; Kreft-Burman, K.; Niutanen, V.</i></p> <p>Matured Dredged Material as Restoration Substrate in Landfill Surface Sealing Systems <i>Morscheck, G.; Lemke, A.; Henneberg, M.</i></p>
Lunch Buffet	
13:30 - 14:30	<p>Session 5: Dredged Materials Applications - Part 2: Geotextile Tupe Applications</p> <p>Salhouse Spit Restoration with Dredged Sediment in Geotextile Tubes <i>Coulet, W.; Ekkelenkamp, H.; Hunter, T.</i></p> <p>Rehabilitation of Water Bodies by Beneficial Re-use of the Sediments in Geotextile Tubes <i>Geissler, H.; Wilke, M.; Röllich, U.</i></p> <p>Beneficial Use of Dredged Sediments Using Geotextile Tube Technology <i>Wortelboer, R.J.M.</i></p>
14:30 - 15:00	<p>Closing Ceremony</p>