International Seminar on Sustainable Dredging and Marine Construction

Eco-friendly Dredging in the Modern World

13 - 14 October 2009
St. Petersburg, Russian Federation

Organised by
Central Dredging Association - CEDA
Russian State Hydrometeorological University - RSHU - (hosting institution)
St. Petersburg State Polytechnical University - SPbSPU

in co-operation with
Government of St. Petersburg (Committee of Nature Use, Environmental Protection and Ecological Safety)

Principal sponsor:

Sponsors:

www.cedaconferences.org/st-petersburg2009
THE SEMINAR

The Central Dredging Association (CEDA) has been very honoured to invite the organisation to co-operate with the Russian State Hydrometeorological University (RSHU) and the St. Petersburg State Polytechnical University (SPbSPU) in organising this technical seminar. It will provide a forum for the exchange of knowledge and ideas about dredging and marine construction between scientists and practitioners, across disciplines and countries.

Like in many other parts of the world the fast growing economy of the Russian Federation generates a high demand on dredging services. Impressive projects in and around St. Petersburg such as the expansion of the Port, the construction of the Sea Fasad, the Flood Protection Barrier and the Nord stream gas pipeline are true testament to the impressive infrastructure projects connected with dredging in the Russian Federation, to the fast growing economy of the Russian Federation and to the St. Petersburg State Polytechnical University (SPbSPU).

The seminar is aimed at scientists and practitioners representing:
• academic and research institutions
• port, coastal and environmental authorities
• owners of infrastructure projects
• regulators
• environmental organisations
• conservation bodies
• dredging contractors
• associations
• designers and builders of dredging equipment
• designers and builders of ancillary equipment

WHO SHOULD ATTEND

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TECHNICAL VISIT

St. Petersburg Flood Protection Barrier
Wednesday, 14 October 13.30 – 18.30 hours

Connect the River and South Coasts of the Finnish Gulf with the Kotlin island, the 24.5 km long Bridge provides flood defence to the residents and businesses of low-lying St. Petersburg. We will visit the impressive structure which comprises eleven rock and earth embankment dams, six water discharge sluices to accommodate outflow from the river Neva and two navigation channels equipped with closing gates, road bridges and a road tunnel.

Our host on-site will be Peter van Vuuren of Boskalis, Project Director of the currently ongoing A2 Contract. This contract includes dredging for soil improvement, supply and placing of sand for sand and rock to close last part of the dam and the construction of the southern part of the tunnel under the shipping channel. We will also hear about work completed in the past two years such as dredging the new access channel.

This tour is included in the seminar registration fee. The tour departs from and ends at the Hotel Moscow.

ACCOMPANYING PERSONS’ PROGRAMME

Guided tour to Pushkin
Tuesday, 13 October, 11.00 – 16.00 hours

This tour will give the unique opportunity for partners to visit Pushkin, also known as “Saraiskaia” and later “Tsarskoye Selo” or “Tsars Village”, entrenched in Russian history and well-known from Russian literature. Pushkin is located approximately twenty-five kilometers from St. Petersburg and is situated on land granted by Peter the Great to his wife, the future Catherine I. The sumptuous Catherine Palace (Yekaterinsky Dvorets) is the centerpiece of the sprawling park complex, surrounded by ponds, canals, follies and shaded paths. Tsarskoye Selo was beautiful in the past and remains beautiful today. The tour will take some five hours. Participants will be picked up at 11:00 am at Hotel Moscow and will return around 4:00 pm. The cost of the tour is £110 per person. This price also includes the seminar registration on Tuesday evening. Please refer to the registration form.

DELEGATE FEES

Delegate/Speaker
CEDA, EADA or WEDA Members € 350.00
Non Members € 495.00
Speakers € 140.00
Local Russian Delegates* - 1 € 140.00
Local Russian Delegates* - 2 € 00.00

Accompanying person
Guided Tour Pushkin € 110.00

* See the registration section on the website for the specific conditions.

SEMINAR PROGRAMME

Day 1, 13 October 2009

08.30 – 09.30 Registration
09.30 – 10.00 Welcome and Opening
10.00 – 10.30 Keynote: The experience of technical projects connected with dredging in St. Petersburg. Dr. Dmitrij Alekseevich Golubev, Head of Department of Environment, City Government St. Petersburg, Russian Federation.
10.30 – 11.00 Coffee break
11.00 – 12.30 Session 1: What connects Dredging with the Environment Chair: Dr. Vladimir Alexandrovich Zhiglyusky, Director, “Eco-Express-Service Ltd.”, Russian Federation
12.00 Training-through-the research approach in education of environmental engineers at the RSHU. Dr. Sergey Vasiljevich Lukyanov, RSHU, Russian Federation
12.30 – 13.30 Lunch
13.30 – 15.00 Session 2: Dredging for port and infrastructure development Chair: Nina Blaznova, Resident Manager for Russia and CIS, Dredging International, Belgium
13.30 Environmental problems of the harbour construction in the Gulf of Finland (Vysotsk and Primorsk areas). A.I. Alikhimenko, State Polytechnical University and Yu.N. Fomin Sevzaphydrostroj Ltd., Russian Federation
14.00 DEME approach to port infrastructure development in the Russian Federation. Nina Blaznova, Resident Manager for Russia and CIS, Dredging International, Belgium
14.30 Application of dredging related techniques in road construction. Bui Long, Royal Boskalis Westminster, the Netherlands
15.00 – 15.30 Coffee break
15.30 – 17.00 Session 3: Management of dredged material Chair: Olga Alekseevna Kijko, Senior Scientist, ECO-project Ltd., Russian Federation
15.30 Sediment management in port area’s. Siegfried D’Haene, Business Development Manager DEC (DEME Environmental Contractors), Dredging International, Belgium.
16.00 Cleanup small canals in urban areas. Daan Rijks, DHV, the Netherlands.
16.30 Monitoring of the consequences of disposal of bottom sediments in the Gulf of Finland. Olga Alekseeva Kijko, Senior Scientist, ECO-project Ltd., Russian Federation
17.00 Discussion
18.00 – 19.30 Reception

Day 2, 14 October 2009

09.30 – 10.00 Session 4: Sand and gravel mining Chair: V.B. Pogrebov, ECO-project Ltd., Russian Federation
09.30 – 10.30 Geocological situation in the Gulf of Finland / Baltic sea. Prof. Dr. Alexander Evmenievich Ryalko, Dr. Natalia Konstantinovna Fedorova, Sevmorgorod Ltd. Russian Federation
09.30 Extraction of Fe-Mo-concretion from the bottom of the Gulf of Finland (Baltic Sea), and the ecological sensitivity of the coastal ecosystems (with the presentation of the Nature Protection Atlas for the Russian Part of the Gulf of Finland). V.B. Pogrebov, ECO-project Ltd., Russian Federation
10.00 – 10.30 Coffee break
10.30 – 12.00 Session 5: Dredging equipment and possible effects Chair: Dr. Tatjana Removna Ermenja, RSHU, Russian Federation
10.30 Effect of suspended material on the ecosystem of the Eastern Gulf of Finland. Dr. Tatjana Removna Ermenja, RSHU, Russian Federation
11.00 The making of sustainable dredging equipment. Paul Vercruysse, Manager Research & Development, MTI Holland, the Netherlands
11.30 Monitoring, modelling, prediction and control of dredging operations. Nick Bray, Director, Dredging Research Unit, HR Wallingford, UK
12.00 Discussion
12.15 Closing
12.15 – 13.15 Lunch
13.15 – 18.30 Technical visit

SEMINAR RECEPTION

Tuesday, 13 October, 18.00 – 19.30 hours Hotel Moscow

The reception will offer an excellent opportunity to participants to network in a friendly atmosphere. The reception is included in the seminar registration and accompanying persons’ programme fee.

Please note: The organisers reserve the right to adjust or change the programme as necessary.
ACCOMMODATION
Delegates are responsible for their own hotel bookings. The seminar headquarters hotel is Hotel Moscow (Alexander Nevsky Square, 2, St. Petersburg, Russia; T: +7 (812) 333-2044, F: +7 (812) 275-21-30, M: +7 (911) 704 84 27; W: www.hotel-in-spb.ru/eng/404/), approximately 15 minute walk to Hotel Moscow. For rates and booking details please refer to the table below. Please note: The rates below are rack rates. No special rates have been arranged for seminar participants and no reservation code is required. Breakfast in both hotels is included in the quoted price. Both hotels arrange registration of guests with the police (required within three days) for Rubl 120.00/person (€ 2.80).

Please see the accomodations page of the website for up to date information.

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Website Type room rates reservations</th>
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<tr>
<td>Hotel Beijing Garden</td>
<td><a href="http://www.hotel-in-spb.ru/eng/404/">www.hotel-in-spb.ru/eng/404/</a></td>
</tr>
<tr>
<td>Standard single</td>
<td>€ 40.00</td>
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<tr>
<td>Standard double</td>
<td>€ 57.00</td>
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<tr>
<td>Upgraded double (with sauna)</td>
<td>€ 90.00</td>
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<tr>
<td>F: +7 (812) 445 35 29</td>
<td></td>
</tr>
<tr>
<td>Suit (two large rooms, with sauna)</td>
<td>€ 99.00</td>
</tr>
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St. Petersburg State Polytechnical University (SPbSPU) occupies one of the top positions among Russian institutions of higher learning participating in international projects. At present SPbSPU cooperates with more than 60 universities from all over the world. The University takes part in a number of European academic projects, among them: TEMPUS/TASIS, BISTRO, COPERNICUS, INTAS, NORDIC and others, as well as collaborating with international research centers and industrial companies. SPbSPU also contributes to work of world leading organizations in the following spheres: hydraulics (MAGI), electric networks (SIGRE) and dam engineering (SIBG). The University also has an important role in International Institute of Welding, International Organization of Theoretical and Applied Mechanics, International Organization of Automotive Management and International Power Academy.

Ways to register
1. Book online at www.cedaconferences/st-petersburg2009
2. Email copy of booking form to info@event-logistics.co.uk
3. Fax the completed registration form to +44 (0) 1460 258783
4. Post the completed registration form to Event Logistics Ltd, Lawn Cottage, Owl Street, Stocklinch, Ilminster, Somerset TA193W, UK

ORGANISERS
The seminar “Eco-friendly Dredging in the Modern World” is organised by the Central Dredging Association (CEDA), the Russian State Hydrometeorological University (RSHU) and St. Petersburg State Polytechnical University (SPbSPU).

The Central Dredging Association (CEDA) is a non-profit, international, professional, technical association for all professionals involved in dredging and marine construction and who live or work in Europe, Africa, or the Middle East. CEDA provides an independent forum for the exchange of knowledge and good practice on all aspects of dredging. Members of CEDA come from many fields and include consultants, academic and research institutions, port authorities, government bodies, contractors, builders of dredging vessels and suppliers of ancillary equipment. CEDA represents the common interest of all fields related to dredging and marine construction and does not promote the interest of any particular industry sector or organisation. For more information please visit: www.ceda.org

The Russian State Hydrometeorological University (RSHU) is the leading higher educational institution working in the field of environmental and earth sciences in Russia. RSHU is internationally recognized university which has a status of Regional Training Centre of the World Meteorological Organization since 1995. The University offers both under- and postgraduate educational programmes leading to academic degrees of BSc, MSc, PhD and Dr Sc. Now RSHU has more than 3,000 Russian and international students from about 40 countries. Researchers and scientists of the five Departments of the university carry out their research in the field of meteorology, hydrology, oceanography, economics and ecology. For further details please visit www.rshu.ru

PRACTICAL INFORMATION
Visa: You are required to have a business visa to enter the country for the purpose of the seminar. On request, the co-organiser of the seminar, RSHU, will be pleased to send personal invitations to seminar participants and accompanying persons after the registration fee has been received. You will also have to apply for a visa at the nearest Russian Embassy or Consulate. Please take into account that it takes approximately two weeks to obtain the visa through the standard procedure. In several countries the invitation letter issued by RSHU may entitle you for an entry visa free of charge. The invitation by RSHU will only be issued for the purpose of assisting participants to raise travel funds or obtain visas. No financial commitment on the part of the organisers is implied. Please indicate on the seminar registration form if you wish to receive a letter of invitation.

Important: You have to register for the seminar, pay the registration fees and send the completed visa support form to RSHU before 15 August 2009. Please refer to the registration form for further details.

Currency: Russian currency is Rubel. 100 Russian Rubel = approx. € 2.30.

Transport from the airport: Both hotel Moscow and Hotel Beijing Garden arrange transport from the airport. One car for one trip is approx. € 35. Please contact your hotel directly to make the necessary arrangements.

SPONSORSHIP
Sponsorship opportunities still exist. Please contact the CEDA Secretariat for information.

TERMS AND CONDITIONS
Booking Conditions
A confirmation will be sent to you on receipt of your booking. If you have requested a payment receipt, one will be sent to you from Event Logistics Ltd. Payment must be received before the seminar date – if you require an invitatian fee you must set 15 August 2009. If payment is not received, delegates will be asked to guarantee payment with a personal credit card or to pay by cash on site.

Liability and Insurance
Registration fees do not include insurance of any kind. It is strongly recommended that when registering for the conference and booking travel arrangements, intending participants should arrange personal insurance cover for the following:
• loss of registration and tour fees, deposits, hotel costs, and air fares, through cancellation of the seminar or Force Majeure or any other reason
• failure to utilise pre-booked arrangements due to delayed departures for Force Majeure or any other reason
• medical expenses and loss or damage to personal property
Neither CEDA, RSHU, SPbSPU nor Event Logistics Ltd will accept responsibility for any personal injury, damage or loss of property, which may occur in connection with the conference. The insurance is to be purchased in the participant’s own country.
SEMINAR REGISTRATION FORM

Eco-friendly Dredging in the Modern World
13-14 October 2009
Hotel Moscow, Alexander Nevsky Square 2, St. Petersburg, Russia

DELEGATE DETAILS
Title: (Prof/Dr/Mr/Ms) .................................. First Name: .................................................
Family Name: ..................................................................................................................
Job Title: ............................................................................................................................
Organisation: ......................................................................................................................
Address: ..............................................................................................................................
Postcode: ........................................................ Country: ......................................................
Tel: ........................................................ Fax: .................................................................
Email: (note that email is required as all joining instructions to be sent out by email)

ACCOMPANYING PERSON
Title: (Prof/Dr/Mr/Ms) ............ Family Name: ................................................... Initials: ........
Dietary requirements: ........................................................................................................
□ Please tick if you require a letter of invitation from RSHU for visa purposes and send the visa support form available at the seminar’s website to the address given in the form before 15 August 2009. Accompanying persons have to send a separate form.
Type of Organisation:
□ University, research institution   □ Designer and builder of ancillary equipment
□ Government                      □ Port, coastal or environmental authority
□ Owner of infrastructure project □ Consultancy firm
□ Dredging and marine construction company   □ Environmental organisation
□ Student                          □ Dredging vessel and dredging equipment manufacturer
□ Other – Please specify: ..............

The registration fees for seminar participants include attendance at the seminar, documentation, lunches, coffee breaks, seminar reception on Tuesday, technical visit on Wednesday.

The accompanying persons fee for the Guided Tour Pushkin on Tuesday includes transportation, entrance ticket, lunch and refreshments during the tour, seminar reception on Tuesday and technical visit on Wednesday.

To have an indication of how many people we can expect we kindly request you to indicate below which parts of the programme you wish to attend (all included in the registration fees).

□ seminar reception - Tuesday       with accompanying person YES/NO
□ technical visit – Wednesday       with accompanying person YES/NO

DELEGATE FEES
Delegate/Speaker ...................................... Fee ...................................... Total ......................................
CEDA, WEDA or EADA Members* € 350.00 ......................................
Non Members € 495.00 ......................................
Speakers € 140.00 ......................................
Accompanying person ................................................
Guided Tour Pushkin - Number of persons: .... X € 110 ......................................

* All individual members and employees of corporate members of CEDA are eligible for registration at the member’s rate.

PAYMENT DETAILS
□ Cheque Please make cheques payable to CEDA □ I enclose a cheque for € ...........
□ Credit/Debit Card
To pay by credit card via our secure online payments site, please go to www.cedaconferences.org/st-petersburg2009
If you do not wish to pay online, please complete the details below.
Please include an additional € 10 to cover credit card charges.
Please debit my MasterCard / Visa / Switch / Delta card by € ...........

Card number: .................................
Card Expiry Date: □□□□ Security Number: □□□□
Cardholder Name: .................................
Cardholder Billing Address: (if different from address previously given) .................................
Signature (I authorise use of my credit card for the above payment. I have read and agreed with the terms and conditions.)

□ Bank Transfer
Tick box (I confirm that payment has been arranged by bank transfer.)
If paying by this method, please include an additional € 10 to cover the bank charges.
If you do not wish to receive details of future CEDA products and services, please tick here. □
**Bank Account Details**
Bank Name: Alliance and Leicester Commercial Bank  
Bank Address: Bridle Road, Bootle, Merseyside L30 4GB  
Swift /bic code of the bank: ALEIGB22  
IBAN code: GB 62 GI RB 72 000005208211  
Exact name of the account holder: Event Logistics Ltd  
Please quote the reference CED001 and include an additional €10 to cover bank charges.

**Data Protection**
CEDA, RSHU, SPbSPU and Event Logistics are committed to protecting your privacy and security. The information provided by you will be used for correspondence, billing and accounts for this event. The data will also be held on a database to provide you with information on services that CEDA provides in the dredging and marine construction fields. We do not sell data information to third parties.

From time to time we may invite you to supply personal information in order for us to provide you with services. By submitting your personal information, you consent to such processing in connection with such orders, offers or services and for any other purposes to which you consent at the time you provide the information. We will never willfully disclose personal information about you to any third party, other than to process an order, without first receiving your permission or unless we are under a legal obligation to do so.

**Seminar Secretariat - Enquiries**
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