

Second
Announcement
**PROGRAMME
AND REGISTRATION**



CEDA DREDGING DAYS 2012

Virtue, Venture and Vision in the Coastal Zone

Conference and Exhibition

12-13 December

Beach Rotana Hotel, Abu Dhabi, United Arab Emirates

Organised by



Central Dredging Association

Main Sponsor



National Marine Dredging Company

Official Media Partner

**IHS Dredging and
Port Construction**

Sponsors



VUYK ENGINEERING ROTTERDAM



Gulf Cobla

www.cedaconferences.org/dredgingdays2012





INTRODUCTION TO THE CONFERENCE

Dredging is an integral part of many projects in the coastal and offshore zones. In the 21st century, it is no longer sufficient to view dredging as a separate exercise, but part of the whole planning and execution process encompassing “**Virtue, Venture and Vision**”. “**Virtue**” in this context is environmental awareness and concern. Successful developments increasingly take account of environmental factors at the planning stage of the project, building these into innovative project design. Working with nature in this way, rather than attempting to impose on it, allows the achievement of long-term sustainable solutions. “**Venture**” is the development of the coast for commercial purposes, benefitting the local and regional economies. “**Vision**” is the long-term planning development for aesthetic reasons, creating a sustainable future which supports and delights those living and working in the coastal zone.

The CEDA Dredging Days 2012 will focus on “dredging for offshore oil and gas” and “infrastructure and trade development”.

The opportunity of holding CEDA Dredging Days 2012 in Abu Dhabi allows the knowledge and experience of the dredging profession to combine with that of those working in the extensive projects in the Middle East to provide an enormous synergistic potential. CEDA Dredging Days 2012 will bring together a multidisciplinary group of experts to present the newest results of their activities and to discuss opportunities for further co-operation and innovation.

WHO SHOULD ATTEND

The conference is aimed at practitioners, engineers and scientists representing:

- Coastal, port, water management and environmental authorities
- Dredging industry
- Oil and gas industry
- Regulators
- Environmental organisations and conservation bodies

VENUE AND DATES

CEDA Dredging Days 2012 Conference and Exhibition will be held at the **Beach Rotana Hotel in Abu Dhabi, United Arab Emirates on 12-13 December 2012.**

An optional technical visit is organised on 13 December in the afternoon.

PROGRAMME

DAY 1 WEDNESDAY 12 DECEMBER

SESSION 1

OPENING

- 09.00 **Opening remarks:** Anders Jensen, President CEDA, DHI, Denmark
- 09.05 **Introduction:** Prof.Dr. Cees van Rhee, Chairman Technical Papers and Programme Committee, Delft University of Technology, The Netherlands
- 09.15 **Keynote address**
- 09.45 **CEDA update:** Anna Csiti, General Manager CEDA
- 10.05 Coffee and tea served in the exhibition area

SESSION 2

VENTURES IN THE OFFSHORE OIL AND GAS INDUSTRIES

- 10.30 **Construction of large artificial islands for oil exploitation in the Arabian Gulf**
Lambarki M, Bouwmeester B, Van de Putte K - National Marine Dredging Company, United Arab Emirates

Engineering and construction of Satah Al Razboot project

Carnevale CSF - DEME, Belgium

Dredging works for Gasco Sulphur Channel Project, Ruwais

Belle AAAJ, Afan MA - National Marine Dredging Company, United Arab Emirates

Artificial island made with dredged material; combining development with environmental friendly solutions

Recio J - WorleyParsons, Mexico; Surisetty M - WorleyParsons Dubai, United Arab Emirates; Belle A - National Marine Dredging Company, United Arab Emirates

- 12.00 *Lunch sponsored by NMDC, served in Al Thuraya B, followed by coffee and tea in the exhibition area*



SESSION 3

ACADEMIC / TECHNICAL DEVELOPMENT SESSION

- 13.30 **Erosion behaviour of a draghead**
Verschelde A, Van den Broeck M - DEME, Belgium; van Rhee C - Delft University of Technology, The Netherlands

Local anomalies in slip for slurry flow within pipes near the deposit limit velocity

van Grunsven F, Talmon AM - Delft University of Technology, The Netherlands

The advantage of standardization in the dredging industry

Blaas W, ten Heggeler O - IHC Merwede, The Netherlands

A non-nuclear density meter & mass flow system for dredging slurries

Batey RH - Sciam World, United States of America

Attrition - a review

Barber D, O'Dowd B, Lee M - HR Wallingford Ltd, United Kingdom

Persistent sedimentation issues at fishery harbor Al Ashkarah, Oman and long term solutions with reduction of maintenance dredging work

Duckett F, Dibajnia M - W.F.Baird & Associates Ltd., Canada; Al-Shidhani MSS - Ministry of Agriculture and Fisheries, Oman; Delaure S - W.F.Baird & Associates Ltd. Oman, Oman

- 15.40 *Coffee and tea served in the exhibition area*

SESSION 4

VENTURES IN INFRASTRUCTURE AND TRADE

- 16.10 **Geraldton port maintenance dredging - case study**

Green T, Bailey J - BMT JFA Consultants, Australia

Khalifa Port: a multidisciplinary approach for the beneficial use of dredged materials with high fines content

Bolatti Guzzo L - Royal Boskalis Westminster, The Netherlands; Hooiveld BJ - Hydronamic, The Netherlands

Innovative seawalls for the new fishing port Abu Dhabi

Green E - Soletanche Bachy, United Arab Emirates

Designing backhoe dredgers for dynamic loads in severe conditions

de Vries G, Jacobse GW - Vuyk Engineering Rotterdam, The Netherlands

- 17.40 **CEDA Environment Commission (CEC) in the spotlight**

- 18.00 **Reception**

DAY 2 THURSDAY 13 DECEMBER

SESSION 5

VIRTUES: ENVIRONMENTAL AWARENESS AND CONCERN

09.00 **Silt curtains - great protector or potential nightmare?**

Middlemiss D, Ogilvie JC, Lee MW, Spearman J, Costaras MP - HR Wallingford Ltd, United Kingdom

Beach formation and protection

Budda BYE, Afan MA - National Marine Dredging Company, United Arab Emirates

Environmental compliance of dredging works at Braka nuclear power plant

Mackenzie J, Bose A - National Marine Dredging Company, United Arab Emirates

Dredging phase I of the USEPA non-time critical removal action in the lower Passaic river

Spadaro Ph, Romagnoli B, Bonkoski B - Arcadis U.S. Inc., United States of America; Bluestein PJ, Brzozowski P - Tierra Solutions Inc., United States of America

10.30 *Coffee and tea served in the exhibition area*

SESSION 6

VISIONS IN COASTAL INFRASTRUCTURE

11.00 **Dredging and preloading: a sustainable method for coastal area development in the oil and gas sector of Nigeria**

Odunsi HO - Earth Info Services, Nigeria

Sandpits - development, migration and stability

Saied U, Rabie A - COWI, United Arab Emirates; Asker Y, Ali N - NMDC, United Arab Emirates

Sustainable development of land reclamations and shorelines: full scale experiments as a driver for public-private innovations

Aarninkhof SGJ - Royal Boskalis Westminster, The Netherlands; Allewijn R - Rijkswaterstaat Waterdienst, The Netherlands; Kleij AM - Province of South Holland, The Netherlands; Stive MJF - Delft University of Technology, The Netherlands

12.10 **Presentation of the IADC Best Paper Award:** René Kolman, IADC, The Netherlands

12.15 **Conference Chair's Closing Remarks:** Prof. Dr. Cees van Rhee, Chairman Technical Papers and Programme Committee, Delft University of Technology, The Netherlands

12.20 *Lunch, served in Al Thuraya B*

OPTIONAL PROGRAMME

Tuesday, 11 December, 16:00 - 22:00 hours

Spend some relax time with your peers while experiencing 1001 culinary delights in the desert

A magical Arabian celebration awaits you as the sun sets amid the enchanting desert dunes. This special programme will be organised on Tuesday evening just before the CEDA Dredging Days and just after the CEDA-IADC Training Course for attendees of these two events. We will travel with a luxury coach to the Bab Al Shams Desert Resort and Spa. During the trip, that takes approximately 1.5 hour, a knowledgeable guide will tell us about the area and culture. The Bab Al Shams Resort effortlessly blends into the desert landscape and resembles an Arabian fort. First we will watch the magical sunset, a unique and unforgettable experience itself. Then we will have dinner in the Al Hadheerah restaurant known for its superb food. While enjoying the Arabian culture in the form of a dinner show with falcons, camels, horses, singers, music and, of course, belly dancers, the Arabic cuisine is served from cooking stations, wood-fired ovens and spit roasts.

Registration for this evening can be done via the registration form at the price of € 99.00 per person. This includes the buffet dinner, the show, transportation and the guide. Drinks need to be separately paid for on site.

A minimum number of 25 participants is required.

The evening is sponsored by the International Association of Dredging Companies (IADC).



Participants registering for this evening programme will receive detailed joining instructions from the Conference Secretariat.



Please note: The CEDA Dredging Days 2012 Technical Papers and Programme Committee reserves the right to adjust or change the programme as necessary.

ACADEMIC SESSION

CEDA has created the "Academic Session" within the technical programme of CEDA Dredging Days 2012, being part of its continued support of students and university faculty. Speakers in the Academic Session do not have to adhere to the conference themes and can present papers on any subject matter related to dredging. The Academic Session has now been broadened to Academic / Technical Development Session to present further research.

IADC AWARD

The International Association of Dredging Companies (IADC) Young Authors Award for a contribution to the literature on dredging will be presented for the best paper of the conference by an author under 35 years of age.

CONFERENCE PROCEEDINGS

All papers will be peer reviewed and published in the conference proceedings. The proceedings will be made available to all registered conference delegates via the conference website as from 12 December 2012.

OFFICIAL LANGUAGE

English will be the official language of the conference.

RECEPTION

Wednesday, 12 December 2012, 18.00 – 19.00 hours

This reception will take place in the foyer of the conference room where the Dredging Exhibition is located. Dredging Days delegates, exhibitors and partners and all CEDA members will be invited.



DREDGING EXHIBITION

To complement the conference, a technical exhibition will be located in the area adjacent to the technical session room. Coffee and tea in the session breaks are served in the exhibition area. The reception will also take place here. The central location of the exhibition area will provide organisations with an excellent opportunity to present their products and services to a select and focused group of international experts and decision makers. The exhibition will be open to conference delegates throughout the conference on 12-13 December 2012.



The standard 6m² (2x3 m) stand fee is € 2,825.00 (excl. VAT, if applicable). Corporate members of CEDA are offered a discount fee ($\pm 30\%$) of € 1,995.00 (excl. VAT, if applicable). The booking fee includes a fascia board with company name, one table, two chairs, one information counter, one waste basket, one basic electrical outlet, three spotlights, two exhibition staff registrations (including lunch and refreshments during breaks) and a company profile (maximum 100 words) in the conference programme booklet and on the conference website. Only exhibition staff registered for the conference will be admitted to the technical sessions (please refer to the registration form). The exhibition booth staff will be invited to the reception on Wednesday evening. For more information please contact the conference secretariat. Reservations can be made via the conference website.

TECHNICAL VISIT

Thursday, 13 December 2012
13.30 – 18.30 hours

Virtue, Venture and Vision in the Coastal Zone has been chosen as theme of the conference. Many interesting projects in the region are designed and executed with environmental awareness, commercial benefits for local and regional economies and sustainability in mind. National Marine Dredging Company (NMDC), who's portfolio consists of a variety of projects, including Corniche Beach, the Mangroves, Suwa Island and the Mussafah Channel Project, will be delighted to host the technical visit and offer you a glimpse behind the scenes at one of their mayor projects. Decision on which project to visit will be made in the last minutes and will primarily depend on progress with ongoing works in order to allow participants to have the most informative and enjoyable visit. We can assure you that it will be worth joining this technical visit!

You must register for the tour in advance (please refer to the registration form). There is an extra charge for participation: € 50.00 (excl. VAT, if applicable). Please note: The number of places is limited to a maximum of 50 persons and places will be allocated on a first come first served basis.

The coach will depart from Beach Rotana Hotel at 13.30 hours and will return to the same hotel at approximately 18.30 hours. Please check the conference's website for up-to-date information. Participants registering for the visit will receive detailed joining instructions from the Conference Secretariat.



ACCOMPANYING PERSONS

Wednesday, 12 December 2012, 09.00 – 17.00 hours
Abu Dhabi; a mixture of antiquity with modernity

With its outstanding and incomparable blend of antiquity with modernity, Abu Dhabi is a city of immense promise, reflected in its sky-scraper business centre skyline which flanks its signature Corniche and overlooks the sparkling Arabian Gulf. These 21st century icons lie harmoniously alongside remarkable cultural landmarks with their traditionally authentic Arab and Islamic architecture.

Abu Dhabi offers the possibility of a very interesting accompanying persons' programme, in which a visit to the Sheikh Zayed bin Sultan al-Nahyan Mosque, the Heritage Village, a souq, the Corniche and the iconic Emirates Palace will be included.

Tour guide will be Hetty Post, a "dredger's wife", who moved to Dubai 4 years ago because of the work of her husband. At the time, she enthusiastically decided that she wanted to work as a tour guide in the United Arab Emirates, obtained her license and accompanies groups as from that moment, sharing her knowledge and love for the UAE.

Hetty will meet you at the Beach Rotana Hotel at 08.45 hours and the group leaves by minibus at 09.00 hours. You will be back at the hotel at 17.00 hours in time to join the reception.

The participation fee for this tour is € 75.00 (excl. VAT, if applicable). It includes transportation, lunch, coffee, entrance fees and guide.

Further information on the tour is available at: www.cedaconferences.org/dredgingdays2012.



The UAE (United Arab Emirates) is composed of seven emirates of which Abu Dhabi is the capital. Driving force behind the creation of the UAE in 1971 was Sheikh Zayed bin Sultan al-Nahyan. He also became first president of the UAE. The other emirates are: Dubai, Sharjah, Ras al-Khaimah, Ajman, Umm al-Quwain and Fujairah.

REGISTRATION

FEES (excl. VAT, if applicable*)

DELEGATE/SPEAKER

- CEDA/EADA/WEDA member** € 525.00
- Non-member € 695.00
- Speaker/PhD student € 345.00
- Student (Bachelor and Master)*** € 150.00
- Technical visit € 50.00
- Dinner in the desert € 99.00

ACCOMPANYING PERSON

- Guided Tour Abu Dhabi € 75.00
- Technical visit € 50.00
- Dinner in the desert € 99.00

* Entrepreneurs: VAT will not be invoiced when VAT number is provided on registration form. Entrepreneurs in countries where VAT does not exist, can use their Chamber of Commerce registration number. Delegates who do not have a VAT number and those entrepreneurs who do not fill in the VAT number on the registration form will receive an invoice with VAT.

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

*** Student registration is only accepted on receipt of letter of endorsement and a copy of the student card.

WAYS TO REGISTER

- Register online at:
www.cedaconferences.org/dredgingdays2012
- E-mail copy of registration form to:
sylvia@mintenprojectmanagement.nl
- Send registration form by post to CEDA Dredging Days 2012, c/o Minten Projectmanagement, P.O. Box 12107, 3004 GC Rotterdam, The Netherlands

ACCOMMODATION AND TRAVEL

A block of hotel rooms has been reserved for delegates and guests. Hotel rooms are offered at a special conference rate, being AED 670 (approx. € 140) for a single room and AED 740 (approx. € 155) for a double room per night, including breakfast. All amounts are subject to 6% Tourism Fees and 10% Service Charge. Reservations can be made via the conference website.

Please note that after 13 November 2012 reservations will be subject to availability and charged at the best available rate.



CEDA-IADC COURSE ON ENVIRONMENTAL ASPECTS OF DREDGING

10-11 December 2012, Abu Dhabi Men's College, Faculty of Civil Engineering, Higher Colleges of Technology, Abu Dhabi, UAE

Following the outstanding success in 2011, this course will take place in Abu Dhabi for the second

time creating a perfect synergy with the CEDA Dredging Days. Those participating in both events will receive a **10% discount on both registration fees**. For detailed information please follow the link from the conference's website.

Sponsorship

Sponsorship of CEDA Dredging Days 2012 will give direct exposure to the world-wide dredging community. For information about sponsorship please contact Sylvia Minten at the Conference Secretariat (T +31 6 1660 3947 E sylvia@mintenprojectmanagement.nl).

CEDA

The Central Dredging Association (CEDA) is an internationally recognised independent professional association. It is an easy-to-access leading platform for the exchange of knowledge and an authoritative reference point for impartial technical information. CEDA actively strives to contribute towards sustainable development by strongly recommending working with nature. CEDA members are corporations, professionals and stakeholders involved in a diversity of activities related to dredging and marine construction. 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 visit: www.dredging.org.

Technical Papers and Programme Committee

Cees van Rhee, *Delft University of Technology, The Netherlands (chair)*
Michael Costaras, *HR Wallingford, United Kingdom*
Anna Csiti, *CEDA, The Netherlands*
Randa Hassan, *NMDC, United Arab Emirates*
Francis Hoef, *Dredging International, Belgium*
Anders Jensen, *DHI, Denmark*
Lindsay Murray, *Cefas, United Kingdom*
Gerard van Raalte, *Boskalis, The Netherlands*

Coordinating Committee

Anders Jensen, *CEDA, Denmark*
Anna Csiti, *CEDA, The Netherlands*
Yasser Nasser Zaghoul, *NMDC, United Arab Emirates*



Central Dredging Association

UNDERSTANDING DREDGING

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