

CEDA-IADC

COURSE

DREDGING FOR SUSTAINABLE INFRASTRUCTURE

BASED ON THE CEDA-IADC GUIDEBOOK OF THE SAME TITLE

27-28 SEPTEMBER 2022

LOCATION

HR Wallingford
Oxfordshire
United Kingdom

ORGANISED BY



Central Dredging Association



INTERNATIONAL
ASSOCIATION OF
DREDGING
COMPANIES



SUSTAINABLE DREDGING

Learn how to achieve dredging projects that fulfil primary functional requirements while adding value to the natural and socio-economic systems by acquiring an understanding of these systems in the context of dredging as well as stakeholder engagement throughout a project's development.

FOR WHOM

Are you a professional involved in dredging related activities for water infrastructure development and working in government, port authorities, consultancy firms, dredging companies, NGOs, suppliers or ship-builders? Is your ambition to achieve sustainable and resilient water infrastructure or dredging projects that contribute to the UN Sustainable Development Goals? If the answer to either of these questions is “yes” then do not miss the opportunity to join this course. Whether you are an ecologist, engineer, scientist, regulator or financier, valuable knowledge that can be put into practice right away awaits every participant.

LEARNING OBJECTIVES

In this course, you will learn how to implement the sustainability principles into dredging project practice,

through answers to the following questions:

- What is the role of dredging in the global drive towards more sustainable development?
- How can water infrastructure be designed and implemented in a more sustainable and resilient way while aligning with the natural and socio-economic systems?
- How can the potential positive effects of infrastructure development be assessed and stimulated as well as compared with potential negative effects?
- What equipment and which sediment management options are available today?
- A brief introduction to the question “What knowledge and tools are available to make sound choices and control the project?”



YOUR LECTURERS

Experienced lecturers will describe the latest thinking and approaches, explain methodologies and techniques as well as demonstrate – through numerous practical examples – how to implement this information in practice by engaging workshops and case studies.

ERIK VAN EEKELLEN, MANAGER ENVIRONMENTAL ENGINEERING DEPARTMENT AT VAN OORD



Erik studied at Delft University of Technology, the Netherlands, where he graduated as MSc (2007) on the subject of dynamic behaviour of dredging plumes of TSHDs. He then joined the environmental engineering department of Van Oord, working worldwide on the full range of environmental aspects of their projects, such as Eco-Design/BwN, stakeholder engagement, protection of marine fauna and turbidity monitoring and management. Currently he is Lead Engineer of that department. For Van Oord he is part of the Management Team of the EcoShape consortium that develops knowledge via pilots and research on the topic of Building with Nature.



MARK LEE, TECHNICAL DIRECTOR, SHIPS AND DREDGING AT HR WALLINGFORD



Mark is the Technical Director of HR Wallingford's Ships and Dredging department. His specialisation is in monitoring and survey relating to Dredging, having previously been the manager of the Oceanography Department of a marine survey company, working internationally. Mark has published widely on the topic of monitoring and survey and is

an author and editor of the CEDA - IADC guidebook *Dredging for Sustainable Infrastructure*. Professional Institution work Mark has contributed to includes the writing of industry standards, guides and classifications via contributions to Working Groups for BSI, CEDA and PIANC. Mark is a regular lecturer on HR Wallingford's Dredging Management Course and is the Course Convener, he has also lectured for CEDA and at the UK's National Oceanography Centre. Mark is an active member of the CEDA Board.



THOMAS VIJVERBERG, DEPUTY MANAGER HYDRONAMIC ENGINEERING DEPARTMENT AT BOSKALIS



Thomas Vijverberg is currently working as deputy manager at Hydronic (Boskalis engineering department). He is responsible for the Environmental, Morphology and Metocean Data group. He started working for Boskalis in 2016. He has a background in Civil Engineering (specialization coastal engineering / morphology (fine sediments)), from Delft University of Technology. After his graduation as MSc. in 2008 he worked for Royal HaskoningDHV as a consultant rivers, delta's and coasts from 2008 – 2016. Thomas is also member of the CEDA and PIANC workgroups about Beneficial Use of Sediments.



PROGRAMME

Day 1 – start 9:00 hr – end 17:30 hr

- **Welcome – Course Introduction**
- **Integrating dredging in sustainable development**
- **Sustainability in project initiation, planning and design**
- **Workshop on project sustainability**
- **Lunch**
- **Assessment and management of project sustainability**
- **Workshop on project sustainability, assessment and management**
- **Evening programme: Participants dinner**

Day 2 – start 8:45 hr – end 17:30 hr

- **Equipment and methods: assessing and managing effects**
- **Dredged material management to enhance project sustainability**
- **Workshop on sustainable project execution**
- **Lunch**
- **Effective modelling and practical monitoring for DfSI (short)**
- **Workshop on sustainable project execution (continued)**
- **Certificates (end: 5pm)**
- **Closing drinks (end: 5:30pm)**

GENERAL INFORMATION

GUIDEBOOK

The course is based on the CEDA-IADC guidebook *Dredging for Sustainable Infrastructure* which was published in 2018. The publication contains a wealth of up-to-date knowledge pooled by an international team of scientists and practicing industry experts, and guided by an Editorial Board comprising members of CEDA and IADC.



PROCEEDINGS AND CERTIFICATE

Each participant receives a set of comprehensive proceedings and at the end of the course, a Certificate of Achievement in recognition of the completion of the coursework.

DATE & VENUE



The seminar will be held on 27 & 28 September 2022 at HR Wallingford in Oxfordshire, United Kingdom.

PRICING INFORMATION

The Registration fee is **€995** per person. There is a special rate of **€850** per person for CEDA Members and employees of IADC's member companies. The registration fee for PIANC and IAPH members is **€ 900** per person.

Students pay a special rate of **€ 200** per person. To be eligible for this special student rate, it is necessary to submit proof of enrolment at a university or college.

The fee is out of scope EU VAT and includes access to all course proceedings, workshops, participants dinner and a copy of the book *Dredging for Sustainable Infrastructure*, and excludes travel costs and accommodation.

REGISTER ONLINE VIA:

REGISTER NOW

<https://bit.ly/DfSIcourseUK>

PAYMENT CANCELLATION POLICY

If you must cancel your secured place in the course after payment has been made, then the following cancellation policy always applies:

If you cancel your place 45 days (or more) prior to the course's start date, then a 90% refund of the registration fee (which excludes a 10% administration fee) will be returned.

If you cancel your place closer to the course's start date, then the following fees apply:

- When a cancellation is made 30-45 days prior to the course's start date, a 75% refund of the registration fee will be returned.
- When a cancellation is made 8-29 days prior to the course's start date, a 40% refund of the registration fee will be returned.
- When a cancellation is made 7 days (or less) prior to the course's start date, no refund of the registration fee will be returned.

MORE INFORMATION



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