CEDA-IADC

ONLINE

COURSE

DREDGING
FOR SUSTAINABLE INFRASTRUCTURE

BASED ON THE CEDA-IADC GUIDEBOOK OF THE SAME TITLE

11, 12, 25 & 26 MARCH 2021

ORGANISED BY

CEDA Central Dredging Association

IADC 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 EEKELEN, LEAD ENGINEER ENVIRONMENTAL ENGINEERING DEPARTMENT

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.

Van Oord Marine ingenuity

EcoShape Building with nature

MARK LEE, MANAGER DREDGING, SURVEY AND MARINE ENVIRONMENT AT HR WALLINGFORD

Mark is the Technical Director of HR Wallingford's Ships and Dredging services, 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.

HR Wallingford Working with water

THOMAS VIJVERBERG, DEPUTY MANAGER HYDRONAMIC ENGINEERING DEPARTMENT AT BOSKALIS

Thomas Vijverberg is currently working as deputy manager at Hydronamic (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.

Boskalis Dredging & Marine Experts

PROGRAMME

Session 1: 11 March 2021 – 09:00 hr – 13:00 hr CET

Chapter 1: Welcome - Course Introduction

Chapter 2: Integrating in Sustainable Development

Chapter 3: Sustainability in project initiation, planning and design

Workshop 1: Stakeholder Meeting

Session 2: 12 March 2021 – 09:00 hr – 13:00 hr CET

Chapter 4: Assessment and management of project sustainability

Workshop 2: Adaptive Management Plans

Session 3: 25 March 2021 – 09:00 hr – 13:00 hr CET

Chapter 5: Equipment and methods: assessing and managing effects

Chapter 6: Equipment and methods/dredged material management to enhance project sustainability

Workshop 3: Dredging & Reclamation Plan

Session 4: 26 March 2021 – 09:00 hr – 13:00 hr CET

Chapter 6: Dredged material management to enhance project sustainability

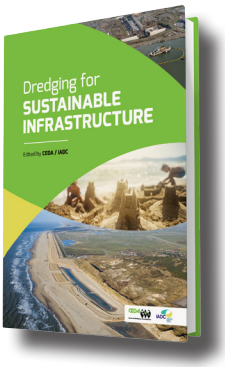
Chapter 7/8: Effective modelling and practical monitoring for DfSI (short)

Workshop 4: Monitoring Plan

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.

PRICING INFORMATION

The Registration fee is € 500 per person (excl. VAT). This tuition includes access to all course proceedings, workshops, a copy of the book *Dredging for Sustainable Infrastructure* and VAT. There is a special rate of € 425 per person (excl. VAT) for CEDA Members and employees of IADC's member companies.

COURSE REVIEWED

Interested to know the opinion of one of our participants about the course? Visit his review here: http://www.discoverdredging.com/

REGISTER ONLINE VIA:

REGISTER NOW

https://bit.ly/DfSI-March-2021

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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