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# Environmental aspects of dredging

Two-day training course

18-19 June 2014 - Howbery Park, Wallingford, Oxfordshire

This course has been granted official IMarEST CPD recognition.



## Summary

By its very nature, the act of dredging and relocating dredged material has an environmental impact. It is therefore of the utmost importance that we should be able to determine what the extent of the impact may be on our environment. Evaluation of environmental impact should examine both the short- and long-term effects, as well as the sustainability of the altered environment.

This two day training course will cover the scope and importance of the environmental aspects of dredging projects, the management of dredged material and the typical legislative conditions and controls imposed by international conventions and regional agencies. In addition to presentations of the subjects, participants will be challenged in case studies to apply the principals discussed.

## Course content

### > Day 1 - Wednesday 18 June

- Introduction and frameworks
- Projects and effects
- Workshop on projects and effects
- Dredging equipment
- Workshop on environmental dredging technology

### > Day 2 - Thursday 19 June

- Dredged material management
- Impact and investigations
- Workshop on an environmental project
- Planning
- Philosophies and the future

## Who should attend?

The training course is aimed at:

- > consultants and contractors in dredging related industries;
- > professionals from different governmental bodies, whether municipalities, district water boards, ports and harbour authorities or central government.

## Learning outcomes

This two-day course provides an overview of the environmental aspects of dredging, the latest technology and equipment that apply to dredging and the management of dredged material. The course includes presentations and workshops.

## Tutors

**Nick Bray** is an internationally recognised dredging and reclamation expert, with a broad knowledge of maritime civil engineering gained through his 46 year involvement in the sector. Nick has written/edited the widely used and referenced books 'Dredging: A Handbook for Engineers' and 'Environmental Aspects of Dredging', as well as numerous dredging-related technical articles. With a background in project management, he has experience of both consulting and contracting organisations. Nick was a founder member of the British Section (now known as CEDA-UK) and the Environment Commission of CEDA.

**Frans Uelman** managed all technical and environmental matters related to the Channel Deepening Project in Melbourne Australia during tender, preparation and execution between 2003 and 2009. For the Gorgon project that followed thereafter, he prepared the environmental and quarantine plans. Since 2000 Frans is based at the Boskalis head office in the Netherlands. He has been lecturer and course coordinator of the IADC Dredging Seminar for more than 15 years.

## Course information

### Cost

£550 (+VAT) per delegate.

£495 (+VAT) if booked before 30 April 2014.

Hotel rooms at the Springs Hotel in North Stoke can be booked at a discounted rate between 17 and 19 June. Book directly and mention code 'HRWA 170614'.

The course fees include dinner on the evening of Wednesday 18 June at The Springs Hotel.