

Stichting PostAcademisch Onderwijs

Stichting PostAcademisch Onderwijs (PAO) stands for Foundation for Postgraduate Education. PAO organises short postacademic courses, mainly focused on civil engineering, construction technology, health and environmental technology, traffic and transport technology.

Responsibility for the courses is borne by the advisory boards, consisting of representatives of Dutch (technical) universities, the Royal Institute of Engineers (KIVI NIRIA) and research institutes. The cooperation of these organisations guarantees the scientific content and professional orientation of the courses.

Stichting PostAcademisch Onderwijs

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Environmental Aspects of Dredging An International Course

April 19 and 20, 2012



For a responsible planning and execution of environmentally sensitive dredging projects a thorough understanding of all aspects and an integral approach are essential. This course provides a sufficiently detailed insight in all perspectives of the different stakeholders in such projects. Active participation in realistic case studies will assist the participant in his role as dedicated contributor to a sustainable development of dredging related projects.



Learning objectives

This course provides an overview of the environmental aspects of dredging and the state of the art dredging techniques.

Target group

The course is targeted on consultants in dredging related industries and professionals from different governmental bodies, whether municipalities, district water boards, ports and harbour authorities or central government and contractors.

Contents

Dredging is a necessary activity in man's development. In the right circumstances, it may also be a very useful tool for remedying past environmental interference. However, by its very nature, the act of dredging and relocating dredged material has an environmental impact. It is therefore of utmost importance that we are able to determine whether any planned dredging will have a positive or negative impact 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.

Besides presentation of the subjects, participants are challenged in case studies to apply the discussed principles in order to fully understand the scope and importance of the environmental aspects of dredging projects, the management of dredged material and the effects of environmental guidelines.

This course is a joint effort of the International Association of Dredging Companies (IADC), and the Central Dredging Association (CEDA).

Course programme

Thursday April 19

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

Friday April 20

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

Course material includes the book 'Environmental Aspects of Dredging' by Nick Bray.

Lecturers

The lecturers Gerard van Raalte (Royal Boskalis Westminster/Hydronomic) and Pol Hakstege (Ministry of Infrastructure and Environment, Centre for Public Works, Department Hydraulic Engineering and Environment) are professionals working within the field of dredging and maritime construction.

Registration

To register for the course, visit www.pao.tudelft.nl. The course can be found under 'English Courses'.



Dates

April 19 and 20, 2012

Location

Campanile Hotel Delft, the Netherlands

Course fee

€ 975 excl. VAT (incl. the book 'Environmental Aspects of Dredging' and dinner on April 19)

Hotel reservations

€ 115 excl. VAT per night

Course leaders:

Ir. G.H. van Raalte (Hydronomic) and dr. A.L. Hakstege (Ministry of Infrastructure and Environment)