



THEMATIC COURSE DESCRIPTION

ENVIRONMENTAL IMPACT ASSESSMENTS

EIAs and support tools

This three-day course provides you with an understanding of an EIA, its structure and implementation. You will be given an overview of the various types of environmental impacts and their supporting tools. Finally, you will be introduced to the Rapid Impact Assessment Matrix (RIAM - developed by DHI), receive a copy of the software as well as be trained in using it.

EIAs have always suffered from subjective judgements that are difficult to quantify and present, leading to the criticism of EIA as a tool with insufficient transparency.

Good EIAs are based upon decision support tools, knowledge and skills. EIAs have developed into a universal tool for planning and have become mandatory, in one form or another, in all industrialised countries and in many developing countries. Accordingly, it is important to achieve a good understanding of EIAs and the decision support tools supporting EIAs, such as RIAM.

COURSE TOPICS

- Fundamentals of EIAs
- EIA and legislation
- Learning the steps of an EIA
- Public participation
- Mitigating measures
- Pit-falls
- The RIAM software package
- Using RIAM in case studies
- Hands-on exercises
- Overview of supporting MIKE by DHI software

TARGET GROUP AND PREREQUISITES

Professionals working with EIAs, either as authorities receiving EIAs or consultants carrying out EIAs.

The typical professional is an engineer, biologist, geographer, or other natural or social scientist. It is an advantage, but no condition, that participants are acquainted with the functionalities of EIAs.

DATE AND TIME

Monday 9 September - Wednesday 11 September 2013.

Courses start at 09:00 and finish at 16:30

FEES AND DISCOUNTS

Standard price: € 1,330

Discounts:

- 10% with valid Service Maintenance Agreement on MIKE by DHI product
- 33% for 3rd and subsequent participants

THIS IS INCLUDED

- Training material
- Access to PC with all software required
- RIAM Software
- Lunch and refreshments
- Training Certificate

LANGUAGE

Lectures and training material are in English

LOCATION AND VENUE

DHI, Agern Allé 5, DK-2970 Hørsholm, Denmark

REGISTRATION AND FURTHER INFORMATION

Deadline for registration is Monday 19 August 2013 (ie 3 weeks before course start).

A minimum of trainees is required for the course to proceed. DHI reserves the right to reschedule the training course up to 3 weeks prior to the course date scheduled.

Contact: Hanne Bertelsen: +45 4516 9200/
courses@dhigroup.com
www.dhigroup.com/theacademy

RELATED COURSES

THEMATIC

- 'INTEGRATED CATCHMENT MANAGEMENT - Hydrology, management and decision making in a catchment with competing uses'
- 'INTEGRATED WATER RESOURCES MANAGEMENT (IWRM) - A policy framework for the application of planning and management tools'
- 'REMOTE SENSING - Get the full picture using satellite images!'

MIKE BY DHI

- 'MIKE 21 & MIKE 3 ECO Lab - 2D og 3D water quality and ecological modelling'
- 'ABM Lab - Agent based modelling'
- 'MIKE BASIN - River basin modelling'
- 'MIKE SHE - Integrated surface and groundwater modelling'

EXAMPLES OF INSTRUCTORS

Anders Chr. Erichsen

Anders Chr. Erichsen is the business development manager at DHI, Environment & Ecology with a background in ecological modelling of fresh water systems and the marine environment. He is the project manager of R&D projects such as early warning systems regarding bathing water quality. Anders has extensive international experience in training.



MSc, Environmental Engineering, Technical University of Denmark.

Jesper Dannisøe

Jesper Dannisøe is a senior project manager with more than 25 years of experience in water quality assessments, aquatic biology, environmental impact assessment and water environments. Jesper has been responsible for a number of large EIA projects in Denmark and abroad, amongst others EIAs related to the Great Belt and the Oresund bridge. Jesper has profound experience in training and education with regard to water environments.



MSc, Freshwater Biology, University of Copenhagen, Denmark

DHI headquarters

Agern Allé 5
DK-2970 Hørsholm
Denmark

+45 4516 9200 Telephone
+45 4516 9292 Telefax

dhigroup.com
www.dhigroup.com

Contact: Hanne Bertelsen, Course Coordinator,
+45 4516 9200 - courses@dhigroup.com
More information: www.dhigroup.com/theacademy